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# DEFENSE COMMUNICAT   NS AGENCY
WASHINGTON D C  20305 2000

6 September 1991

MEMORANDUM FOR ASSISTANT SECRETARY OF DEFENSE (COMMAND,
                            CONTROL, COMMUNICATIONS, AND INTELLIGENCE)

SUBJECT:                Program and Resource Plan FY92-FY98: Center
                        for Information Management and Related
                        DISA Corporate Information Management Activities

1. I am enclosing the Center for Information Management and related DISA Corporate Information Management FY92-FY98 Program and Resource Plan which has been substantially revised since its initial submission on 3 June 1991. This plan reflects the Center's current strategy which will continue to be refined as the DoD Corporate Information Management mission evolves. This plan will provide a firm foundation for effective Information Management in the Department of Defense into the next Century.

2. This plan also includes resource requests for the Defense Information System Network (DISN), the Telecommunications Management Program (TMP), DISA Information Technology Policy Board (ITPB) actions, direct support to functional groups and CIM net from the CIM central fund. I am concerned that the resources identified for the DISN program may be inadequate to fully support this effort. As requested by your office, support to the C3 functional community is resourced in this plan.

3. If you have any questions or comments, please contact Mr. Denis Brown, Director, Center for Information Management, at (703) 285-5355.

1 Enclosure a/s

ALONZO E. SHORT, JR.
Lieutenant General, USA
Director

Copy to:
Special Assistant to Assistant Secretary of Defense (C3I)
Director Defense Information
Deputy Assistant Secretary of Defense (Plans and Resources)
Deputy Assistant Secretary of Defense (Information Systems)
Deputy Assistant Secretary of Defense (Information Systems), Director Resources &
    Assessments

Effective 25 June DCA became Defense Information Systems Agency

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FY92 - FY98 PROGRAM AND RESOURCE PLAN:

CENTER FOR INFORMATION MANAGEMENT AND

RELATED DISA CORPORATE INFORMATION

MANAGEMENT ACTIVITIES

SEPTEMBER 4, 1991

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CENTER FOR INFORMATION MANAGEMENT
DEFENSE INFORMATION SYSTEMS AGENCY

PROGRAM SUMMARY
Fiscal Years 1992-1998

The Center for Information Management, Defense Information
Systems Agency (DISA), is chartered to support the Director of
Defense Information by providing information management
technical services to the DoD community.  These services are an
integral part of the DoD Corporate Information Management
program, a DoD-wide effort to streamline business operations and
processes which in turn will help improve the design of cost
effective, standard information systems.

DISA's vision is that within three years, the Center for
Information Management will be:

"The recognized center of excellence for information
management, assisting customers to achieve continual
improvement and cost reduction in their DoD mission areas."

An important DoD goal is to improve the efficiency and
effectiveness of the Department's information management
program.  Reflected in this plan, is the Center's five-pronged
approach which will be used by DISA to support the Department in
achieving its overall goal:

1.  Assist functional managers as they identify better ways
    of doing business by providing standard methods and
    tools for developing improved business methods and
    practices that are tied to quantifiable measures of
    performance.

2.  Promote efficiencies and standardization in information
    engineering and data administration, and software
    engineering, development, and maintenance (i.e., via
    CASE tools).

3.  Assist in integrating common information systems within
    each functional area, and across functional areas,
    built on standard data and business methods.

4.  Promote open systems standards to allow the use of
    vendor neutral commercial products and to facilitate
    open competition for services; facilitate porting of
    applications among platforms; and enable the emergence
    of DoD-wide applications operating in a common
    environment.

5. Assist in planning for and managing the development of an efficient and effective computer and communications infrastructure, through the use of mechanisms such as fee-for-service, information technology warehouses, and benchmarking as DoD evolves to a common user processing utility for shared services.

To execute this approach, the Center will provide functional and technical users throughout the Department, with common, generic "building blocks" and technical processes for improving information management and developing better information systems. These include,

- Standard methods and tools for business case analysis, process modeling, data modeling and administration, software system engineering and open systems infrastructure engineering.
- DoD architectures for information, software applications, and technical infrastructure.
- Standards for data, information processing and information exchange.
- Common processes and procedures for life cycle management of information systems

The Center will help apply the generic building blocks to business areas and information systems. A key function of the Center is technical integration management (TIM), which is the bridge from the generic DoD wide activities of the Center to the specific functional/technical community. Also, the TIM will technically integrate the information systems for selected functional areas. The TIM will provide a technical "roadmap" for the functional area to evolve to a target information system architecture that supports improved business methods and practices. The architecture and evolution plan will use the generic building blocks and utility services developed in common for the entire Department. The TIM will ensure the roadmap is followed by implementing activities executing project plans in the new fee-for-service environment. (See Figure 1.)

The Center will grow its skills and competencies to achieve to achieve these broad goals and objectives. The Center's three major phases with approximate milestones identify the priority needs to establish a sound foundation for the Center's future activities and to address immediate concerns of the Department.

Phase I (FY92-94): The Center will lead the development and institutionalization of common methods and tools for achieving improved business methods and information management. It will help the Department to centralize data administration and standards efforts; ensure technical integration across the Services and Agencies in information systems developments; and

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plan for common acquisitions of commercial products that satisfy the DoD target architecture. In accordance with CIM roles and responsibilities, Technical Integration Managers for assigned functional areas will assist in the application of these methods, tools, standards and architectures across functional areas DoD-wide. They will also ensure technical solutions are integrated and satisfy user needs.
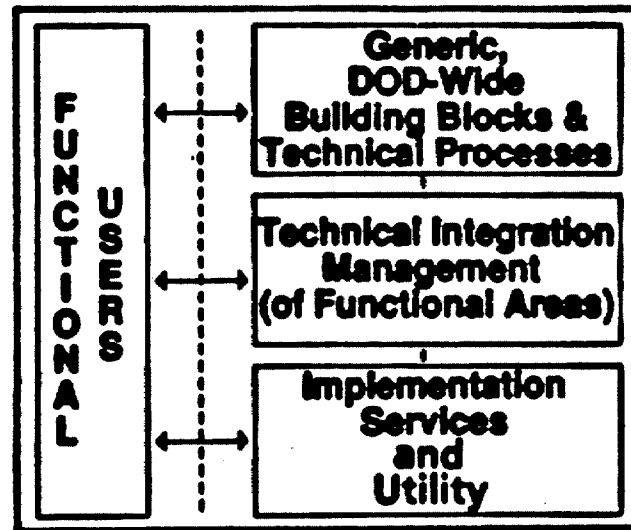


**Figure 1. DISA Framework for Support**

The Center, with major support from other elements in DISA, will develop and operate an initial integrated computer processing, applications design, and communications capability on a fee-for-service basis as a model infrastructure for future information management in DoD. This common capability will begin to attain productivity levels equivalent to commercial benchmarks of performance, and will demonstrate the cost effectiveness and value added features of the future Defense Information System Network (DISN) discussed in the detailed part of this Program Plan. Lastly, the Center will facilitate the transfer of CIM concepts, methods and tools to the C3 community working with DISA elements that currently act in a technical integration and implementation role for major C3 missions.

Phase II (FY94-96): The Center will fully implement the methods and tools projects initiated in Phase I. In conjunction with other elements of DISA, it will increase centralized support on a fee-for-service basis across the entire spectrum of DoD information management functions. DoD will begin to evolve to a competitive environment where customers can choose

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services based on quality and cost from alternative sources. Functional managers will be responsible for funding activities on a fee-for-service basis, such that DISA's costs will be constantly benchmarked against industry standards. The coordination of common acquisitions to achieve warehouses in Phase I will be expanded DoD-wide for software and hardware. The model infrastructure begun in Phase I will continue to evolve to provide a broad range of common services to the Department and include standard DoD information systems developed by the Center for functional information managers. This sub-set of the infrastructure is referred to as the "utility" in the Infrastructure Engineering section of this Program Plan.

Phase III (FY96-98): The Center will increase its role as the central developer, maintainer and operator of selected standard information systems and their underlying infrastructure. In this phase, DISA will extend its systems engineering support to all of DoD. The utility will be built from reusable software and common commercial products delivered through DoD repositories and warehouses. The standard methods and practices initiated in Phase I and implemented in Phase II will have been institutionalized DoD-wide. As a result of this deliberate, phased approach, the Department will have become a leader in information management in the U.S. Government; the benefits to DoD will be realized; and spinoffs into American industry can be expected.

The Center has developed a set of programs (see Figure 2) that support its missions and span the information management life-cycle. They address strategic planning and enterprise modeling,
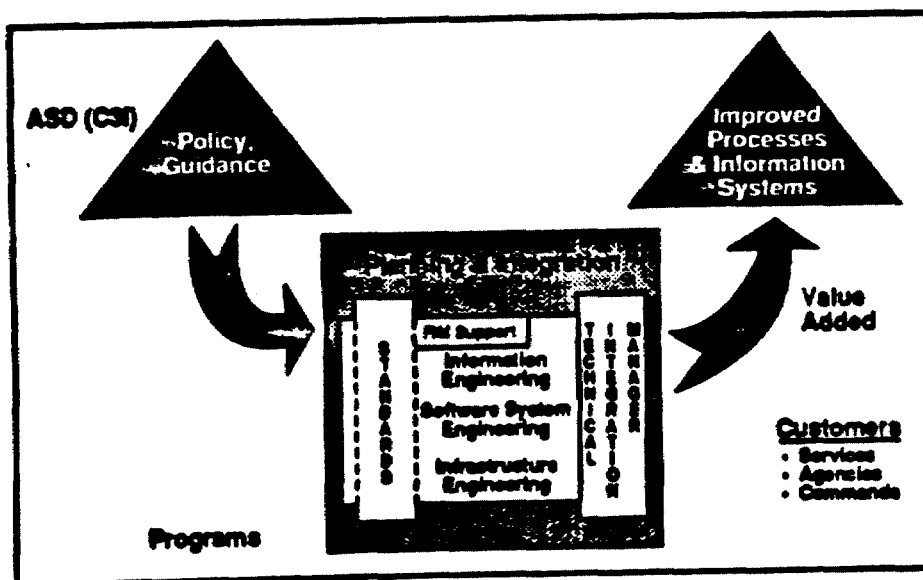


**Figure 2. The Center's Program**

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business method and performance improvement, process and data modeling, information systems development and the technical infrastructure. Each of the program areas are briefly described below; expanded program descriptions and resources follow.

Information Engineering  This program is customer oriented and provides full support to the defense functional community by facilitating the development and implementation of improved business practices and information management capabilities. It provides technical support in the definition of functional information requirements. It is designed to enable functional managers to increase mission capability while decreasing costs. One key area of the program is data administration which includes data standardization, data and process modeling and enterprise model maintenance.

Software Systems Engineering  Geared towards improving quality yet decreasing costs of existing or developing software applications, this program focuses on improving the design, development, implementation, and maintenance of software applications DoD-wide. Initiatives include facilitating the implementation of software process improvements, promoting standardization, acquiring and implementing modern systems tools, providing independent verification and validation (IV&V), and instituting and maintaining a software reuse library.

Infrastructure Engineering  This program promotes a DoD-wide computer and communications open systems infrastructure that includes end user information support systems, modernized and efficient central data processing, local ADPE configurations, and high-bandwidth value added communications. Capabilities are integrated in a framework of open systems standards and common features to ensure interoperability, portability, and end-to-end performance. The development of this infrastructure involves coordination and acceleration of DoD efforts to achieve a common computer and communications architecture built with common components.

Standards  The primary goal of the standards program, executed by the DISA Center for Standards, is to identify and guide the development of standards in DoD and to encourage industry development and adoption of standards-based products that support DoD needs. The program tracks industry development of information technology standards to support DoD information management systems throughout the life-cycle. Standards are the critical ingredients to fully interoperable open systems. Their use creates the "plug and play" environment that enables reuse of large components and rapid technology insertion of commercial products. The development of comprehensive standards will also aid the effort of integrating systems across functional areas.

Technical Integration Management (TIM)  Technical Integration Management provides technical integration services for

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functional information systems. The program plans the development and implementation of functional and cross-functional information systems capabilities, using the "building blocks" (e.g., methods, tools, and standard architectures) developed by other DISA/CIM programs. The program is also responsible for guiding and directing (within approved Project Plans and implementation charters) Technical Implementation Managers' design, development, testing, deployment, operation and maintenance of information systems. The program works with functional managers, Central Design Activities (CDAs) and Components to ensure a systematic, coherent technical approach to implementing approved information systems strategies and plans.

Planning, Integration, and Customer Support  This program provides internal technical guidance and coordination of the Center programs and among the Center, DISA and DoD information management initiatives. It supports the Director of the Center by assisting in the assessment of current Center technical initiatives and planning for future activities. This activity also executes tasks such as security and life-cycle methodology which cut across the various program areas.

Direct Center Support  This is the administrative support to the Center and includes facilities management, physical security, office automation and training.

Figure 3 shows the relationship of the above program areas to DMRD 924 actions; the 14 January CIM Implementation Plan DISA/CIM activities; approved Information Technology Policy Board (ITPB) actions assigned to the Center; and other areas for Center support to CIM. Cross-cutting activities are coordinated by the Planning and Integration Program under management direction of the Center Director. The Center is actively involved in executing many ITPB actions and this reflects a significant portion of the mission work. (see Section I for a summary of the ITPB actions assigned to the Center for Information Management and the associated resources) The ITPB resources are also reflected in the resource summary in Section H.

To implement the Center's vision, the Center developed this program plan. It follows the principles of information management espoused by the Executive Level Group. Accordingly, the goal of the plan is to provide direct support to the functional and technical communities. This support is intended to result in standardization, quality and consistency of data from DoD's multiple information management systems, and elimination of duplication in the development and maintenance of multiple information systems designed to meet a single functional requirement. The Center and other DISA elements will continue to refine the plan based on coordination of this document with the OSD, Services, and Agencies.

The Program Plan continues with a description of each program and associated projects with milestones and required resources.  A program resource summary for each program area is displayed at the end of each section.  Section 3, Center Resource Summary, includes each program resource summary and also a overall Center resource summary.

| | | Information Engineering | Software Systems Engineering | Infrastructure Engineering | Information Technology Standards | Technical Integration Management | Planning, Integration, and Customer Support | Other DISA Programs |
|---|---|---|---|---|---|---|---|---|
| **DMRD 924** | Architecture & Stds for DB & nets | X | X | X | X | X | X | |
| | Telecomm. and IP req. integration | | | X | | X | X | |
| | Consolidation of DPI's and SDA's | | X | X | | | X | |
| **Jan 14 CIM IMP Plan** | Information Tech. Standards | X | | | X | | | |
| | Process and Data Models and Tools | X | | | | | | |
| | DOD Standard Info. Tech. Architectures | X | X | X | | X | X | |
| | Data Administration Program | X | | | X | | X | |
| | Assess Information Services | | | | | X | | |
| | CALS Test Net. & EDI Support | | | X | X | X | X | |
| | Telecomm. & IM Services | | | X | X | | X | X |
| | Common User Equip & SW | | X | X | | | X | |
| | Software Design Activities | | X | | | | | |
| | FIM Groups Management | X | | | | | | |
| | IPC & FSC Support | X | | | | | | |
| | DOD Functional Reqs. Methodology | X | | | | | | |
| | Functional Integration, CM, QA | X | X | | | X | X | |
| | EA for Data Administration Pgm. | X | | | | | | |
| | Common Data Defn. | X | | | X | X | X | |
| | Data Management Guides & Products | X | | | X | | X | |
| | DOD Rep for Data Standards | X | | | X | | X | |
| | Info. Arch. & Stds. Guidelines | X | X | X | X | | X | |
| | IT Architecture Implementation | X | X | X | | X | X | |
| | Stds. for IT Infrastructure | X | X | X | X | X | | |
| | Tool Standards and Methodologies | X | X | | X | . | X | |
| | ROI Tools and Models | X | X | X | X | | | |
| | Management Assessment Program | X | X | X | | X | X | |
| | Management Indicators for DPI's | | | X | | | | |
| | AIS Database | | | | | X | | |
| | DPI Data Collection & Analysis | | | X | | | | |
| | ADPE Inventory Database | | | X | | X | | |
| | AIS, ADP, & Fiscal Trend Analyses | | | | | X | | |

**Figure 3. Mapping of Tasking to Program Areas**

| | | Information Engineering | Software Systems Engineering | Infrastructure Engineering | Information Technology Standards | Technical Integration Management | Planning, Integration, and Customer Support | Other DISA Programs |
|---|---|---|---|---|---|---|---|---|
| ITPB | 91-01 Open Systems Implem. Plan | X | X | X | X | . | X | |
| | 91-02 Software Process Assessment | | X | | | | | |
| | 91-03 GOSIP Conformance Testing | | | | | | | X |
| | 91-04 DOD IS Symposium | | | | | | X | |
| | 91-07 DOD Migration Standards Systs. | | X | | | X | X | |
| | 91-09 Standards Program Development | X | X | X | X | | X | |
| | 91-11/15 Data Mgt | X | | | | | | |
| | 91-12 DODD 5000.11 | X | | | | | | |
| | 91-13 OSD Work Support Envir. Acquis. | | | X | | | | |
| | 91-16 Software Eng. Tools | X | X | | | | | |
| | 91-17 DODD 5000.11-M | X | | | | | | |
| | 91-20 Cost Based Activity Modeling | X | | | | | | |
| | 91-21 IS Architecture Methodology | X | X | X | X | X | X | |
| | 91-22 IPSC | | | | X | | | |
| | 91-23 Technical Integration | | | | | X | X | |
| | 91-26 Bulletin Board | | X | | | | | |
| Other | Common Acquisition | X | X | X | | X | X | |
| | CALS | | | | X | X | X | |
| | Leasing Co. (HW & SW) | | X | X | | | X | |
| | Fee for SVC | X | X | X | | | X | |
| | DPI Ops | | | X | | | | |
| | Data, SW, & Tool Repositories | X | X | | | X | | |
| | Info Tech Std Pgm | | | | X | | | |
| | IV&V | | X | | | | | |
| | CDA Operations | | X | | | | | |
| | DISN | | | X | | | X | X |
| | CIMNET | | | X | | X | X | X |

**Figure 3. Mapping of Tasking to Program Areas (Concluded)**

**PURPOSE:** To provide technical guidance, functional and data integration, program execution assistance, data standards management, information engineering, and data management support for the DoD information management initiative.

**DESCRIPTION:** The Information Engineering program is a customer-oriented program that provides full support to the Defense functional community. It focuses on DoD-wide data and information management support, including management of the DoD Data Administration Program. The Information Engineering program includes the full spectrum of data management activities such as data standardization, data and process modeling, and enterprise model maintenance. The effective implementation of these activities will significantly improve the Department's management of its data resources and increase interoperability among the DoD Components. Additionally, by facilitating the development and implementation of improved business practices and information management capabilities, the Information Engineering program enables DoD functional managers to increase mission capability and decrease costs.

**KEY ACTIVITIES AND MILESTONES:** During the period covered by this plan, the Information Engineering program will undertake many initiatives to improve data and information management in the Department. Key activities include: issuance of data administration procedural guidelines in the 4th quarter of FY91 with continuing updates; issuance of an updated functional information management process guide in FY91 with further updates as necessary; transition of the Executive Agent for data administration and repository functions from the Army to the Center by June 1992; implementation of a DoD data dictionary in FY91 and a DoD repository in FY94 (initial operating capability in FY93); annual Data Administration program assessments beginning in FY92; issuance of the first Data Administration Plan in FY92 with annual updates through FY98; transition of functional group management responsibility in FY92; and provision of business case analysis methodology and toolset support beginning in FY92. Additionally, the Information Engineering program develops and acquires data modeling, functional modeling, and business case analysis methodologies and tools; provides training, consultation, and facilitation services in applying Information Engineering program processes, methods, and tools; provides technical advice and services for cross-functional and data integration requirements; and oversees the development of DoD-wide architectures.

To accomplish the above responsibilities, the Information Engineering program is structured to include four specific projects, as discussed below.

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PROGRAM AREA: INFORMATION ENGINEERING

| I/E MANPOWER | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 153 | 156 | 185 | 203 | 203 | 203 | 218 |
| MILITARY OFFICER ENLISTED | 2 | 12 | 21 | 23 | 23 | 23 | 23 |
| TOTAL | 155 | 170 | 206 | 226 | 226 | 226 | 241 |

| PROGRAM RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 1,135 | 314 | 324 | 378 | 391 | 404 | 418 |
| OTHER CONTRACTS | 4,200 | 4,330 | 3,638 | 4,431 | 4,586 | 4,743 | 5,256 |
| O & M TOTAL | 5,335 | 4,644 | 3,962 | 4,809 | 4,977 | 5,147 | 5,674 |
| R & D | | | | | | | |
| PROCUREMENT | 800 | | 1,000 | 250 | 250 | 250 | 1,000 |
| TOTAL | 6,135 | 4,644 | 4,962 | 5,059 | 5,227 | 5,397 | 6,674 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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# INFORMATION ENGINEERING
## DATA ADMINISTRATION

PURPOSE: To define, plan, implement, and operate the DoD Data Administration Program.

DESCRIPTION: This project addresses the primary activities needed to implement an effective DoD Data Administration Program. This includes

- Developing, maintaining, implementing and monitoring data administration program management plans;
- Developing and implementing a plan for transition of the Data Administration Program from the Army to the Center for Information Management;
- Developing, publishing, maintaining and distributing procedural guidance for the DoD Data Administration Program;
- Monitoring compliance with Data Administration policy, procedures, standards and conventions;
- Providing methods and tools, training, consultation, and facilitation in support of data administration activities throughout the Department; and
- Implementing effective automated support for Departmental data standardization, modeling, integration, and architecture development and maintenance through the implementation and operation of an IRDS compliant information repository.

Those activities related to DoD-wide data integration are covered under the Information Engineering Directorate's Information Architecture and Data Integration project. Activities related to external DoD data standardization issues are the responsibility of the Center for Standards and are discussed in its section of this Program Plan. The Center for Standards coordinates with the Information Engineering Directorate on data standardization matters and has responsibility for ensuring that appropriate non-DoD data standards are included in the DoD information repository maintained under the Information Engineering program.

REQUIREMENT: The Center for Information Management has been designated the DoD Data Administrator by the Director of Defense Information. In this capacity, the Center is responsible for development and operation of the Data Administration Program. (Responsibility established in ITPB Proposal 91-11.)

CUSTOMERS: The products and services associated with this project are intended to support all data administration activities throughout the Department of Defense.

## PRODUCTS AND MILESTONES:

| | |
|---|---|
| Interim DOD data dictionary/repository | 3rd Qtr FY91 |
| DA management and operations plan | 4th Qtr FY91 |
| DOD 5000.11M (Data Standards & Procedures) | 4th Qtr FY91 |
| Repository/Tools requirements specifications | 4th Qtr FY92 |
| Additional 5000.11M chapters | 3rd Qtr FY92 |
| Acquisition/Development of repository/tools | FY92-94 |
| DA annual plan | FY92-continuous |
| Continuous standardization of models and data elements | FY92-continuous |
| DA consultation & training | FY92-continuous |
| Compliance reports | FY92-continuous |
| New repository phase-in | FY94 |
| Updated 5000.11M | FY93-continuous |
| Continuous update of repository capabilities and tools | FY93-continuous |

PROJECT AREA:  DATA ADMINISTRATION

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 41 | 44 | 56 | 56 | 56 | 56 | 56 |
| MILITARY | | | | | | | |
| OFFICER | 0 | 6 | 10 | 12 | 12 | 12 | 12 |
| ENLISTED | | | | | | | |
| TOTAL | 41 | 50 | 66 | 68 | 68 | 68 | 68 |

| PROJECT RESOURCES | ($000) | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| O & M | | | | | | | |
| FFRDC | 1,139 | 353 | 365 | 378 | 391 | 404 | 418 |
| OTHER CONTRACTS | 1,821 | 2,041 | 1,847 | 2,230 | 2,306 | 2,382 | 2,466 |
| O & M TOTAL | 2,960 | 2,394 | 2,212 | 2,608 | 2,697 | 2,786 | 2,884 |
| R & D | | | | | | | |
| PROCUREMENT | 800 | | 1,000 | 250 | 250 | 250 | 1,000 |
| TOTAL | 3,760 | 2,394 | 3,212 | 2,858 | 2,947 | 3,036 | 3,884 |

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# INFORMATION ENGINEERING
## INFORMATION ARCHITECTURE AND DATA INTEGRATION

PURPOSE: To develop and maintain DoD-level functional, process and data models, architectures and plans, and to resolve associated integration issues.

DESCRIPTION: A major objective of the CIM effort is reduced operational costs through improved business operations. This program focuses on developing and maintaining an integrated DoD view of data and functional processes. The integrated DoD data and functional process models (i.e., an information architecture) that are produced, provide guidance and will enable the functional community to develop data requirements and refine business operations, resulting in increased operational effectiveness and reduced costs. They also provide the input required for designing and developing software systems architectures, and corporate and subject databases.

In developing an integrated DoD view of data and functional processes, many issues must be addressed. The Information Engineering program will facilitate the identification of functional and data issues, assist in issue resolution, and track resolution progress. It will also develop and implement a data integration strategy to address the Technical Implementation Managers' (Executive Agents') data administration efforts and to address legacy/emerging information systems.

A DoD database plan that shows the evolution of DoD's databases to a logically integrated DoD database (not a single physical database) supporting cross-functional applications will be developed in coordination with the Technical Integration Managers. The overall DoD Enterprise Model and data models will be mapped to target corporate and functional area databases and plans will be developed to evolve/migrate current databases to the targets. This activity will be closely coordinated with the functional area architecture and evolution plans developed by the Technical Integration Managers.

REQUIREMENT: The requirements for work (e.g., enterprise model, data architecture, etc.) in this project area come from several sources. Much of it is derived from the Center's role as DoD Data Administrator. Other work requirements are associated with implementation of the Functional Information Management process as directed by the DDI.

CUSTOMERS: The products and services associated with this project will support functional and technical integration managers throughout DoD.

## PRODUCTS AND MILESTONES:

| | |
|---|---|
| Revised DOD Enterprise Model | FY91 |
| Draft DOD Information Architecture | FY91 |
| Integration issue resolution process | FY92 |
| Strategy for legacy/emerging applications data integration | FY92 |
| Updated DOD Enterprise Model and Information Architecture | FY92 |
| Draft subject data base migration/evolution plan | FY92 |
| Draft subject data bases specifications | FY92 |
| Updated DOD Enterprise Model, Information Architecture, and subject databases specifications | FY92-continuous |
| Full operational integration issue resolution process | FY92-continuous |
| Subject data base migration/evolution plan | FY93-95 |

PROJECT AREA: INFORMATION ARCHITECTURE & DATA INTEGRATION

| STAFF LEVEL OF EFFORT | FY92 | FY93 | FY94 | (STAFF YEARS) FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| CIVILIAN | 26 | 28 | 33 | 33 | 33 | 33 | 33 |
| MILITARY OFFICER ENLISTED | 2 | 6 | 8 | 8 | 8 | 8 | 8 |
| TOTAL | 28 | 34 | 41 | 41 | 41 | 41 | 41 |

| PROJECT RESOURCES | | | | ($000) | | | |
|---|---|---|---|---|---|---|---|
| O & M FFRDC OTHER CONTRACTS | 700 | 700 | 900 | 1,157 | 1,200 | 1,235 | 1,440 |
| O & M TOTAL | 700 | 700 | 900 | 1,157 | 1,200 | 1,235 | 1,440 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 700 | 700 | 900 | 1,157 | 1,200 | 1,235 | 1,440 |

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**PURPOSE:**  To provide the support environment that would enable functional managers to identify and evaluate required business method improvements through the application of information management methodologies and tools.

**DESCRIPTION:**  The Information Engineering program provides a methodology guide for performing required functional analysis, business case analysis, strategic systems planning, and information systems planning.  It also provides hands-on support to functional managers in developing functional business plans; establishing measures of organizational performance; identifying commercial benchmarks for comparing performance; and collecting and evaluating performance data.  Information Engineering will put into place an integrated environment that will assist functional managers in:

- Performing functional analysis;
- Applying business case analysis methodologies and tools to identify opportunities for improving functional business practices;
- Developing information system alternatives and strategies to improve business methods;
- Developing specifications and functional prototypes for information systems; and
- Developing consolidated information system requirements.

Information Engineering provides training, consultation, and facilitation services to enhance the functional community's understanding and use of functional information management methodologies and tools.

**REQUIREMENT:**  The DoD Corporate Information Management Implementation Plan

**CUSTOMERS:**  The products and services associated with this project will support functional managers throughout the Department of Defense.

**PRODUCTS AND MILESTONES:**

| | |
|---|---|
| Complete business plans for seven groups and draft Medical Group's business plan | 4th Qtr FY91 |
| Update CIM methodology guide | FY91-continuous |
| Develop framework for CIM support by Corps of Engineers case tools | 4th Qtr FY91 |
| Training and facilitation support for Legal Services, Procurement/ Contracting, and Military Personnel | 1st Qtr FY92 |
| Complete Medical business plan | 1st Qtr FY92 |

Training and facilitation support for
        new functional areas                         2nd-4th Qtr FY92
Business case analysis tool support          1st Qtr FY92
Training and facilitation support
        for new functional areas                     FY93-98

PROJECT AREA: SUPPORT FUNCTIONAL INFORMATION MANAGEMENT

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| MILITARY | | | | | | | |
| OFFICER | 0 | 0 | 3 | 3 | 3 | 3 | 3 |
| ENLISTED | | | | | | | |
| TOTAL | 14 | 14 | 17 | 17 | 17 | 17 | 17 |

PROJECT RESOURCES  (&000)

| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | 1,675 | 1,550 | 850 | 1,050 | 1,060 | 1,126 | 1,350 |
| O & M TOTAL | 1,675 | 1,550 | 850 | 1,050 | 1,060 | 1,126 | 1,350 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 1,675 | 1,550 | 850 | 1,050 | 1,060 | 1,126 | 1,350 |

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# INFORMATION ENGINEERING
## SUPPORT FOR FUNCTIONAL INTEGRATION MANAGERS

PURPOSE:  To provide manpower and support to Functional
Integration Managers.

DESCRIPTION:  The Director of Defense Information (DDI) has
reached agreement with the functional community to establish
functional integration management offices that will be charged
with the responsibility for vertical integration.  The DDI has
promised support from the Center for these functional
integration management offices by providing manpower and other
support.

REQUIREMENT:  Director of Defense Information

CUSTOMERS:  Functional Integration Managers

PRODUCTS AND MILESTONES:

Products will be defined by the Functional Integration Managers

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |

**CIVILIAN**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| DETAIL TO OASD(P&L) | | | | | | | |
| LOGISTICS | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| CALS | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| DETAIL TO OASD(FM&P) | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| DETAIL TO OASD(HA) | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| DETAIL TO OASD(C3I) | 13 | 13 | 23 | 41 | 41 | 41 | 54 |
| & OTHERS | | | | | | | |
| **TOTAL** | **72** | **72** | **82** | **100** | **100** | **100** | **115** |

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# SOFTWARE SYSTEMS ENGINEERING
## PROGRAM OVERVIEW

**PURPOSE:** To continuously improve the design, development, implementation and maintenance of software applications throughout DoD by promoting standardization and interoperability; facilitate the institution of software process improvement; provide support to the software life-cycle through acquisition and implementation of modern system tools; maintain liaison with central design activities (CDAs) on operational guidance and technical direction; and establish and maintain a software reuse library.

**DESCRIPTION OF OVERALL PROGRAM:** The foundation of the Software Systems Engineering program begins with the development of an information system software architecture (ISSA). The ISSA, supplemented by management and engineering guidelines, will provide the framework for the top-level design of DoD information system software and target that software to operate in an open systems environment. The ISSA will therefore promote standardization and interoperability.

In parallel with establishing the discipline of the ISSA, efforts will be directed toward continuously improving the software engineering process itself. The Center will conduct software process assessments. Modern software engineering tools will be acquired and implemented to support DoD needs. A tool repository will be created and maintained, as will a DoD software reuse library. Center personnel will work closely with Technical Integration Managers and CDAs to develop guidelines that institutionalize improved processes. The ISSA will provide both generic support components for DoD software and a top level design for mission applications (e.g., personnel). The Center will also perform technical implementation manager functions in managing and operating assigned CDAs. This will include planning for their migration to open systems environments, insertion of standard methods and tools, and operation on a fee-for-service basis.

**KEY ACTIVITIES AND MILESTONES:** The key activities of the Software Systems Engineering program include: conduct software process assessments starting in FY 1992 and produce guidelines for software engineering processes, methodologies and management in FY 1993; establish a software tools repository in FY 1992 and select an I-CASE vendor in FY 1993; develop a software systems architecture baseline by FY 1993 and prototype in FY 1994; and conduct CDA operations (for assigned CDA's) beginning in FY 1992.

PROGRAM AREA:   SOFTWARE SYSTEMS ENGINEERING

|  | | (STAFF YEARS) | | | | | |
| I/E MANPOWER | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 60 | 102 | 213 | 256 | 298 | 298 | 298 |
| MILITARY | | | | | | | |
| OFFICER | 11 | 18 | 37 | 44 | 52 | 52 | 52 |
| ENLISTED | | | | | | | |
| TOTAL | 71 | 120 | 250 | 300 | 350 | 350 | 350 |

PROGRAM RESOURCES                          ($000)

| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| O & M | | | | | | | |
| EXTRAORDINARY TRAVEL | 300 | 300 | 100 | 100 | 100 | 100 | 100 |
| FFRDC | 612 | 705 | 822 | 1,229 | 1,466 | 1,697 | 1,797 |
| OTHER CONTRACTS | 9,540 | 10,491 | 6,436 | 6,899 | 7,161 | 7,363 | 7,671 |
| O & M TOTAL | 10,452 | 11,496 | 7,358 | 8,228 | 8,727 | 9,160 | 9,568 |
| R & D | | 3,100 | 3,200 | 6,300 | 3,400 | 3,500 | 3,600 |
| PROCUREMENT | 850 | 2,340 | 2,100 | 2,240 | 1,850 | 1,950 | 2,050 |
| TOTAL | 11,302 | 16,936 | 12,658 | 16,768 | 13,977 | 14,610 | 15,218 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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## SOFTWARE SYSTEMS ENGINEERING PROGRAM
## SOFTWARE STANDARDIZATION/INTEROPERABILITY

PURPOSE:  To develop a standard framework for the top level design of DoD information systems software that enables the sharing and reuse of designs, code and standard data structures; forms a basis for cross-functional integration; promotes application portability and interoperability; leads the Department in efforts to manage migration standard system efforts; and encourages technology insertion primarily through commercial off-the-shelf (COTS) products.

DESCRIPTION:  An information system software architecture (ISSA) and evolution plan will be developed to identify common software components and their interfaces, software layering, standard data/communications interfaces, standard user interfaces, software languages, security parameters and other standards-based features and characteristics for a modular structure.  In addition to the generic support components (e.g., DBMSs, E-mail applications), the ISSA will provide a top level design for DoD mission applications.  This will be developed in close coordination with the Technical Integration Managers for functional areas.  The ISSA will be used by Technical Integration Managers, Technical Implementation Managers and systems developers in their system application efforts.

This project will work closely with the Infrastructure Engineering Directorate to ensure that the ISSA is consistent with the Infrastructure Architecture.  Further, the ISSA will be developed in accordance with the NIST Applications Portability Profile (APP) and open systems specifications.

Extensive research will be conducted in the areas of Migration Standard Systems, reverse engineering and re-engineering.  Guidelines and technical advice/guidance are the products of this effort.  This project will facilitate the evolution to open, distributed environments and downsizing of applications.

The ISSA will be supplemented with management and engineering guidelines for its effective use in new developments and the migration/conversion of the existing software inventory. The ISSA will be prototyped and evaluated, and periodically reevaluated using the evaluation  test results to ensure standardization and interoperability prior to widespread use.

REQUIREMENT:  CIM Implementation Plan (14 January 1991)

CUSTOMERS:  Center Director, ASD(C3I), Technical Integration Managers, CDAs

## PRODUCTS AND MILESTONES:

| | |
|---|---|
| DoD software system requirements | FY92 |
| ISSA concept paper | FY92 |
|     Operating system services software guidelines | |
|     User interface services software guidelines | |
|     Data management services software guidelines | |
|     Data interchange services software guidelines | |
|     Graphics services software guidelines | |
| ISSA draft | FY92 |
| Baseline ISSA | FY93 |
|     Network services software plan | |
|     Security services software plan | |
|     System management services software plan | |
|     Programming services software plan | |
|     Mission applications plan | |
| Configuration control plan | FY93 |
| Initial test plan | FY93 |
| ISSA prototype testing | FY94 |
| ISSA life-cycle maintenance plan | FY94 |
| Implementation guidelines | FY94 |

PROJECT AREA: SOFTWARE STANDARDIZATION/INTEROPERABILITY

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 14 | 24 | 60 | 64 | 76 | 76 | 76 |
| MILITARY | | | | | | | |
| OFFICER | 2 | 4 | 9 | 11 | 13 | 13 | 13 |
| ENLISTED | | | | | | | |
| TOTAL | 16 | 28 | 69 | 75 | 89 | 89 | 89 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 340 | 529 | 822 | 1,229 | 1,466 | 1,697 | 1,797 |
| OTHER CONTRACTS | | | 514 | 532 | 550 | 569 | 589 |
| O & M TOTAL | 340 | 529 | 1,336 | 1,761 | 2,016 | 2,266 | 2,386 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 340 | 529 | 1,336 | 1,761 | 2,016 | 2,266 | 2,386 |

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# SOFTWARE SYSTEMS ENGINEERING
## SOFTWARE PROCESS IMPROVEMENT

PURPOSE: To evaluate and improve the cost-effectiveness of DoD software development and maintenance processes and supporting methods; assist DoD organizations in improving their software practices through application of software process self-assessments, action plans for improvement, and software process and product measurement and feedback; and ensure that software is built more efficiently, on time, within budget and in accordance with a stringent set of quality goals.

DESCRIPTION: This activity will develop a capability to support software process assessment using the methodology and maturity model developed at the Software Engineering Institute (SEI). Once the current software process of an organization is modeled and understood, this activity will support process improvement by offering guidance in the selection and implementation of appropriate life cycle models, technical methods and tools, and management practices (e.g., configuration management, software quality assurance, project planning) that best meet the functional and economic requirements of the user. It will also provide a set of software metrics applicable to process and products at all stages of the software development life cycle. This activity will provide support for the emerging discipline of software risk management. Tools for software risk management and for cost/schedule performance measurement will be provided. Finally, this activity will provide organizational change management, technology transfer, and "peopleware" guidance to ensure institutionalization of improved management and technology practices.

REQUIREMENT: Director of Defense Information and CIM Implementation Plan

CUSTOMERS: Center Director, ASD(C3I), CDAs

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Plan for providing software process assessments | FY92 |
| Recommendations for initial set of software metrics | FY92 |
| Software risk management guidelines | FY92 |
| Software metrics database, analysis guidelines | FY92 |
| Repository for process guidelines, methods, and metrics | FY92 |
| Collect and analyze metrics data | FY93 |
| Guidelines for S.E. processes, methods & mgmt practices | FY93 |
| Software metrics toolkit | FY93 |
| Technology transfer plan | FY93 |
| "Peopleware" productivity study | FY94 |

PROJECT AREA: SOFTWARE PROCESS IMPROVEMENT

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 18 | 27 | 59 | 61 | 75 | 75 | 75 |
| MILITARY | | | | | | | |
| OFFICER | 2 | 4 | 9 | 10 | 13 | 13 | 13 |
| ENLISTED | — | | | | | | |
| TOTAL | 20 | 31 | 68 | 71 | 88 | 88 | 88 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| EXTRAORDINARY TRAVEL | 150 | 150 | 50 | 50 | 50 | 50 | 50 |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | 720 | 994 | 2,576 | 2,932 | 3,582 | 3,705 | 3,832 |
| O & M TOTAL | 870 | 1,144 | 2,626 | 2,982 | 3,632 | 3,755 | 3,882 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 870 | 1,144 | 2,626 | 2,982 | 3,632 | 3,755 | 3,882 |

PURPOSE: To acquire automated software engineering tools for DoD and direct efforts to implement those tools in software development and maintenance activities throughout DoD.

DESCRIPTION: This project will continuously monitor the software engineering products and evolving technologies available in the marketplace and assess their applicability to DoD. As required, this project will initiate acquisitions and/or sponsor acquisitions conducted in the services and agencies. Once acquisition activities are complete, this project will ensure successful application in DoD activities through implementation planning and a broad training program. This project will assume program management responsibility for the DoD Integrated Computer Aided Software Engineering acquisition, currently being conducted by the Air Force. The I-CASE contract, and any other follow-on contracts, will be managed on a requirements basis by the Center, with customers paying for the products they order. A tools repository will be created and maintained. Finally, this project will continuously monitor the use of the tools provided, and adjust as necessary based on lessons learned and user requirements.

This project will require close coordination with the Infrastructure Engineering and Information Engineering programs of the Center to ensure that tools and methodologies are consistent with overall Center directions. It will also require procurement funds in FY93 - FY98 to establish the I-CASE tools laboratory in the Center.

REQUIREMENT: Director of Defense Information and CIM Implementation Plan

CUSTOMERS: Center Director, ASD(C3I), Technical Integration Managers, CDAs

PRODUCTS AND MILESTONES:

| | |
|---|---|
| I-CASE RFP | FY92 |
| Establish tools repository | FY92 |
| Develop I-CASE implementation plan | FY92 |
| Develop I-CASE training plan | FY92 |
| Select I-CASE vendor | FY93 |
| I-CASE tools available | FY93 |
| Develop tools assessment report | FY93 |
| Establish test-bed facility | FY93 |
| Conduct evaluation of I-CASE tool performance | FY93 |
| I-CASE pilot project | FY94 |

# SOFTWARE SYSTEMS ENGINEERING
## CENTRAL DESIGN ACTIVITY OPERATIONS

PURPOSE:  To plan, manage and operate Central Design Activities (CDAs) that are assigned to DISA/CIM; provide a model software development environment and fee-for-service operation in the selected CDAs to help lead the evolution of all DoD CDAs to the target CIM goals, methods and practices; and ensure the CDAs evolve to meet performance and quality objectives for DoD.

DESCRIPTION:  This task will manage and operate selected CDAs. The objective will be to reengineer these CDAs around the methods and practices of CIM, to test and prove-out these new approaches, and to lead DoD CDA evolutions in applying the improved methods and tools to more cost-effective software system development efforts.

The activity will plan for the transition of assigned CDAs to DISA, including transfer of functions and central provision for management overhead.  The planning will address the migration of CDAs to the utilization of improved DoD standard information management and software systems engineering methods, practices and tools that are being developed through the CIM initiative (e.g., I-CASE tools, software reuse repository, data management).

The CDA management will coordinate with the Technical Integration Managers and Technical Implementation Managers for support to specific functional areas.  It will ensure that the design activities in each area are coordinated and fit in overall DoD architectures being developed by the Center.

Finally, this activity will transition the assigned CDAs to a fee-for-service basis.  It will develop the structures, policies, billing algorithms, and other procedures/mechanisms for the transition.  DISA/CIM will monitor the operations and assess performance against performance targets to ensure continual feedback and improvement.

REQUIREMENT:  Defense Management Review Decision (DMRD) 924

CUSTOMERS:  Technical Integration Managers, Technical Implementation Managers, Components

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Initial CDAs transition to DISA | FY92 |
| CDA evolution plan | FY92 |
| CDA Fee-for-service plan (draft) | FY92 |
| CDA Fee-for-service plan | FY93 |

| | |
|---|---|
| CDA performance benchmarks | FY93 |
| CDA Fee-for-service test | FY93 |
| Initial fee-for-service operations | FY94 |
| Full fee-for-service operations | FY95 |

PROJECT AREA: CENTRAL DESIGN ACTIVITY OPERATIONS

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 4 | 6 | 8 | 10 | 10 | 10 | 10 |
| MILITARY | | | | | | | |
| OFFICER | 1 | 2 | 2 | 3 | 4 | 4 | 4 |
| ENLISTED | | | | | | | |
| TOTAL | 5 | 8 | 10 | 13 | 14 | 14 | 14 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 102 | | | | | | |
| OTHER CONTRACTS | | 124 | 129 | 267 | 276 | 285 | 295 |
| O & M TOTAL | 102 | 124 | 129 | 267 | 276 | 285 | 295 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 102 | 124 | 129 | 267 | 276 | 285 | 295 |

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# SOFTWARE SYSTEMS ENGINEERING
## INDEPENDENT VERIFICATION AND VALIDATION

PURPOSE: To plan and implement a DoD independent verification and validation (IV&V) service. The most important aspect of this project is to assure software products are delivered at the highest quality. Additionally, it will ensure improved DoD software life cycle practices are properly applied and DoD software system policy and procedures are followed. This function will transition early to a fee-for-service basis.

DESCRIPTION: IV&V activities are essential to delivering high quality software products, and to ensuring that DoD development policies and practices are followed in software systems. This task will plan for a standard DoD-wide IV&V service to support Technical Integration Managers, Technical Implementation Managers, and the functional community. The plan will address improvements in IV&V methods and tools. It will consider the parallel improvements being accomplished in information management and software system methods, practices and tools. The objective will be to deliver high quality software solutions; ensure programs are properly applying the new DoD guidelines, methods and tools to define and build software tools; and achieve greater efficiency and effectiveness in the IV&V function itself.

The planning phase will identify the best approach for providing the IV&V function to DoD. The service will be tested in conjunction with real world software projects and pilot programs.

Finally, the center will operate the IV&V function on a fee-for-service basis, although some management overhead will continue to be centrally funded. The Center will monitor the implementation of the service and assess its performance against planned performance targets and benchmarks. It is anticipated that the service will grow to support all DoD in FY95 - FY98.

REQUIREMENT: Director, Center for Information Management

CUSTOMERS: Technical Implementation Managers, Components

PRODUCTS AND MILESTONES:

| | |
|---|---|
| DoD IV&V Support Requirements | FY92 |
| DoD IV&V Concept | FY92 |
| Initial IV&V service plan (including fee-for-service) | FY92 |
| Test IV&V service plan | FY93 |
| IV&V for selected projects | FY94 |
| Implement full IV & V service plan | FY95 |

PROJECT AREA: INDEPENDENT VERIFICATION AND VALIDATION

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 4 | 9 | 13 | 20 | 25 | 25 | 25 |
| MILITARY | | | | | | | |
| OFFICER | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| ENLISTED | | | | | | | |
| TOTAL | 5 | 10 | 15 | 22 | 27 | 27 | 27 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 170 | 176 | | | | | |
| OTHER CONTRACTS | | | 258 | 400 | 413 | 428 | 442 |
| O & M TOTAL | 170 | 176 | 258 | 400 | 413 | 428 | 442 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 170 | 176 | 258 | 400 | 413 | 428 | 442 |

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## SOFTWARE SYSTEMS ENGINEERING
## SOFTWARE REUSE REPOSITORY

PURPOSE:  To provide (1) for the development, maintenance and use of reusable software components, and (2) a library of commonly used COTS and public domain software, through the establishment and management of a DoD Software Reuse Repository.

DESCRIPTION:  The DoD Software Reuse Repository will contain the aggregated contents of the DLA and the four services' repositories, as well as a library of commonly used COTS and public domain software, which will be universally available both for initial accession and automatic upgrades to all service users and supporting contractors through WAN/LAN connectivity. Each service will be provided with repository procedures, guidelines, and standards; an initial set of reusable software components; on-site contractor assistance with domain analysis, certification and reuse techniques; a series of reuse training courses; and PC-based automated library systems for supported projects.

This project will require procurement funds in FY92 - FY98 to provide a development environment for Technical Integration Managers, for software warehouses and for reuse repository service sites, as specified in the DoD software reuse program plan.

REQUIREMENT:  Director, Center for Information Management

CUSTOMERS:  Center Director, ASD(C3I), Technical Integration Managers, Components

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Issue standard reuse procedures & guidelines | FY92 |
| Assemble/distribute Reusable Software Components Catalog | FY92 |
| Establish review/validation/certification procedures | FY92 |
| Establish initial Reuse Repository | FY93 |
| Initial Training for service users | FY93 |
| Reuse Repository at full operational status | FY94 |

PROJECT AREA:   SOFTWARE REUSE REPOSITORY

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 5 | 10 | 20 | 40 | 40 | 40 | 40 |
| MILITARY | | | | | | | |
| OFFICER | 1 | 2 | 3 | 6 | 6 | 6 | 6 |
| ENLISTED | | | | | | | |
| TOTAL | 6 | 12 | 23 | 46 | 46 | 46 | 46 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | 8,700 | 9,000 | 1,800 | 1,435 | 687 | 666 | 745 |
| O & M TOTAL       * | 8,700 | 9,000 | 1,800 | 1,435 | 687 | 666 | 745 |
| R & D | | | | | | | |
| PROCUREMENT | 850 | 1,340 | 1,000 | 1,040 | 550 | 550 | 550 |
| TOTAL | 9,550 | 10,340 | 2,800 | 2,475 | 1,237 | 1,216 | 1,295 |

* FY92 AND FY93 O&M CONTRACTS FIGURE INCLUDES FUNDING FOR RAPID.

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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## SOFTWARE SYSTEMS ENGINEERING
## ADA JOINT PROGRAM OFFICE

PURPOSE: To exploit the use of Ada for CIM applications, based on experience gained from commercial and government Ada programs and to ensure application of software engineering principles for maximum extensibility, maintainability, portability and reuse.

DESCRIPTION: The Ada project will define a process and methods and practices that will address the critical issues on the use of Ada for both information systems and realtime systems -- integration of commercial off-the-shelf products (e.g., X Windows and relational database management systems), open systems environments, scalability and reuse. The resulting process, methods and practices will ensure integration with other information management disciplines including information engineering, business case analysis, infrastructure engineering, and performance modeling. In addition, reuse engineering, reengineering, information modeling, and database design techniques will be addressed. Technology projects will be defined to prototype use of commercial products to implement the defined process, methods, and practices. The program will support the Ada 9X effort to ensure Ada revisions satisfy CIM needs. The program will define Ada development and run-time environment requirements for the DoD-wide I-CASE acquisition. The program will coordinate its activities with other Center initiatives (e.g., information management methodology and CASE tool acquisition). The program will define other technology projects to develop bindings to requisite standards-based projects.

REQUIREMENTS: Congressional direction, DoDD 3405.1 and DoDD 5000.1

CUSTOMERS: Technical Implementation Managers, and developers

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Initial Ada methods and process guidelines | FY92 |
| Ada I-CASE requirements | FY92 |
| Ada methods and process guideline revisions | FY93-98 |
| Ada reuse methodology | FY92 |
| Ada reuse methodology revisions | FY93-98 |
| Ada bindings specifications and products | FY92-98 |
| Technology prototypings | FY92-98 |
| Ada 9x recommendations | FY92-98 |

**PROJECT AREA: ADA JOINT PROGRAM OFFICE**

| STAFF LEVEL OF EFFORT | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| | | | (STAFF YEARS) | | | | |
| CIVILIAN | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| MILITARY | | | | | | | |
| OFFICER | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ENLISTED | | | | | | | |
| TOTAL | — | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

| PROJECT RESOURCES | | | | ($000) | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | | | | | | | |
| O & M TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R & D | | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 |
| PROCUREMENT | | | | | | | |
| TOTAL | 0 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

# INFRASTRUCTURE ENGINEERING
# PROGRAM OVERVIEW

PURPOSE:  To promote a DoD-wide computer/communications infrastructure[1] based on open systems standards that is efficient and effective.

DESCRIPTION:  The Infrastructure Engineering program will establish an open systems technical architecture and evolution strategy for initial use in DoD in FY92 and beyond.  The target architecture will employ the open systems standards established through the DoD-wide standards program and will also include policies for fee-for-service.  The payoff will be an agreement among the MILDEPs on standards and features to be acquired for all new ADP acquisitions, thus promoting interoperability and competition, reducing the costs of diversity, and ultimately enabling the installation of DoD-wide cross-functional and functional area information systems.  Subsequent architectural planning will resolve issues in areas such as security and network management, technology currency, and expansion of attention in the C3 functional area.  In addition to fostering a common architecture, DISA will take concrete steps to promote its implementation, beginning with planning a modernization of office automation for OSD.

The program will work with the Services and Agencies to establish procedures and mechanisms to monitor the evolution of DoD's hardware and communications capabilities to an open systems environment with increased efficiency.  In addition, this effort will capture the performance and cost of the current systems as a basis for identifying opportunities for improvements.

Finally, a Component of DISA will actively undertake acquisition and operational activities to promote the long term evolution to a common DoD computer and communications utility[2] that will operate in a competitive, fee-for-service environment. Such a utility would offer an open systems environment for new applications and support legacy environments for older software.

------

1    The infrastructure is the underlying platform for providing information processing services DoD-wide.  It consists of hardware, executive software, software tools (e.g., DBMS, management facilities and tools), communications network (dedicated or shared) and facilities (e.g., ITFs, NMCs).

2    The utility is a system consisting of a subset of the infrastructure designed and managed to provide a specific set of common user information processing services to a specific, but broad customer base.

This utility would provide quality service at competitive rates comparable to the best in commercial practice while offering superior security and disaster recovery.

The approach to be taken includes,

- Develop a information technology warehouse ("leasing company") service that will acquire hardware (for DPI's and desktops) for all of DoD, lease that hardware to the Services/Agencies, and dispose of the hardware when no longer needed.
- A Component of DISA will operate and modernize any DPI's that might be transferred to its purview as a "model utility".
- Plan for and ultimately acquire, a total central fee-for-service computing utility as a follow-on to the MILDEP consolidations.
- Work with the MILDEPS to improve the efficiency with which desktop computer networks are being acquired, operated, maintained, and administered.

KEY ACTIVITIES AND MILESTONES: During the period covered by this plan, Infrastructure Engineering will undertake many initiatives in the evolution to an efficient and effective DoD-wide open systems computer and communication infrastructure operated on a fee-for-service basis.

Key activities for FY92 includes the development of initial architecture guidelines and standards; the generation of an OSD office automation open system RFP; the production of an initial baseline and performance report; the development of a utility options analysis with initial recommendations; and the establishment of fee-for-services policies for infrastructure services. Activities for FY93 and beyond include a strawman utility design and implementation plan (FY93); the initial operations of a "leasing company" (FY94); the development of a supercomputer network plan (FY94); an update to the technical architecture to extend to the year 2000 (FY94); and the implementation of the utility services initial operational capability (IOC) (FY96).

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|  | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| I/E MANPOWER | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 94 | 131 | 223 | 278 | 324 | 325 | 325 |
| MILITARY | | | | | | | |
| OFFICER | 0 | 9 | 17 | 22 | 23 | 21 | 21 |
| ENLISTED | 0 | 0 | 0 | 0 | 3 | 4 | 4 |
| TOTAL | 94 | 140 | 240 | 300 | 350 | 350 | 350 |

| PROGRAM RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M ($000) | | | | | | | |
| FFRDC | 850 | 1,059 | 1,644 | 1,701 | 1,759 | 1,818 | 1,881 |
| OTHER CONTRACTS | 865 | 1,982 | 3,474 | 4,874 | 5,984 | 5,989 | 6,393 |
| O & M TOTAL | 1,715 | 3,041 | 5,118 | 6,575 | 7,743 | 7,807 | 8,274 |
| R & D | | 115 | 230 | 240 | 300 | 325 | 340 |
| PROCUREMENT | 130 | 5,215 | 5,505 | 5,691 | 6,013 | 6,146 | 6,356 |
| TOTAL | 1,845 | 8,371 | 10,853 | 12,506 | 14,136 | 14,278 | 14,970 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 O&M BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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# INFRASTRUCTURE ENGINEERING
## DEFENSE AUTOMATION RESOURCE MANAGEMENT PROGRAM (DARMP)

PURPOSE:  To maintain a DoD-wide inventory of automatic data processing equipment (ADPE), promote the reuse of hardware and sharing of capacity, aid in disposal of surplus hardware, monitor DoD progress in evolving to an open systems environment, maintain a database of the operations costs and utilization of the data processing installations, and prepare reports for OSD, GSA, and Congress and ad hoc requests.

DESCRIPTION:  This program, a continuation of the mission of the Defense Automation Resources Information Center (DARIC), recently transferred to DISA, will maintain and evolve the Automation Resources Management System (ARMS) database of the ADPE inventory throughout DoD.

In addition, data will be gathered from the Technical Integration Managers and other sources to monitor the degree to which DoD's databases and AIS application software have achieved an open systems environment, establishing a database to track and report on achievements.  Continued cost savings will be achieved by promoting the efficient sharing, reuse, and disposal of ADPE in DoD as required by law and OMB policy.

REQUIREMENT:  DoD Directive 7950.1, ITPB 91-01

CUSTOMERS:  DASD(IRM), DDI, Director, Information Services

PRODUCTS/MILESTONES:

On-line automated resources management system database FY92
On-line computer software management system database   FY92
"Openness" report (annual)                             FY92-98
Continue annual $100M sharing and reuse savings        FY92
Training of information resource managers              FY92-98
Expand and refine database and reporting systems       FY92-98

PROJECT AREA: DEFENSE RESOURCES MANAGEMENT PROGRAM (DARMP)

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 36 | 36 | 41 | 41 | 41 | 41 | 41 |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | | | | | | | |
| TOTAL | 36 | 36 | 41 | 41 | 41 | 41 | 41 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | 205 | 100 | 100 | 100 | 100 | 100 | 100 |
| O & M TOTAL | 205 | 100 | 100 | 100 | 100 | 100 | 100 |
| R & D | | | | | | | |
| PROCUREMENT | 130 | 100 | 100 | 100 | 100 | 100 | 100 |
| TOTAL | 335 | 200 | 200 | 200 | 200 | 200 | 200 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DIAA CIM FY 92 AND 93 OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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# INFRASTRUCTURE ENGINEERING
## TECHNICAL ARCHITECTURE

PURPOSE: To recommend the standards and features to be incorporated into the computer/communications infrastructure including operating systems and user interfaces; promote interoperability and a standards-based open systems environment throughout DoD; create opportunities for increased competition, more use of commercial off-the-shelf technology, and migration of software to more efficient platforms; and enable the provision of rapid information system development to support new business practices of DoD.

DESCRIPTION: This project will establish a standards-based open systems technical architecture methodology for DoD and produce and maintain time-phased technical architecture guidance for system developers to achieve maximum "openness" in areas such as overall technical architecture, security, network management, economic issues, and performance. Maintenance of a DoD technical architecture will be a continuing activity as new technology arises and open technical issues are resolved. The technical architecture will be expanded to include the evolution of C3I voice/data communications among fixed plant and tactical sectors to enhance transparency.

Initial open systems environment guidelines and standards will be established by January 1992 to assist in managing and monitoring DoD's progress in evolving to an open systems environment. DISA, with assistance from the US Navy, will also promulgate billing algorithms to be implemented in the computer/communications infrastructure to support the fee-for-service concept. Information security considerations will be incorporated into planning and implementation across all functional areas.

The target technical architecture will be promoted throughout DoD to educate developers and increase compliance. System engineering and technical support in architecture development and implementation will be provided in areas such as tailoring generic architectures to specific programs, developing transition strategies, performing standards assessments, and assisting in determining compliance. In addition, DISA will take the lead in seeking solutions to DoD's information technology problems by promoting new products and increased standards efforts via DoD laboratories, academia, or the commercial sector as required. This project will also conduct prototyping of new technologies to assess performance, prove capability, and aid migration.

Finally, adjustments to the planning for technical standards and features will be recommended on specific MILDEP consolidations and automated information systems developments to reflect a balance between architectural objectives, technical

feasibility, and cost. Compliance with technical architecture objectives will be promoted by supporting OSD program reviews.

**REQUIREMENTS:** ITPB 91-01, DDI Memorandum, "Roles and Functions in Implementation of Corporate Information Management (CIM) Systems."

**CUSTOMERS:** DDI, DoD Components, Director (Info. Tech.)

**PRODUCTS/MILESTONES:**

| | |
|---|---|
| Initial open systems methodology guidelines | FY92 |
| Initial common DoD-wide architecture framework | FY92 |
| Initial open systems environment definition | FY92 |
| Recommend a fee-for-service policy | FY92 |
| R&D agenda | FY93 |
| Identify and acquire tools to support promising technical architecture methods | FY93 |
| Commencement of architectural review | FY93 |
| Create bulletin for detailing technical architecture | FY93 |
| Planning and issue analysis | FY93 |
| Information security evolution analysis | FY93 |
| Commencement of rapid prototyping | FY94 |
| Extend technical architecture to year 2000 | FY94 |
| Form guidance team for C3 evolution | FY94 |
| Extend technical architecture to year 2005 | FY96 |
| Plan evolution of C3I voice/data communications | FY96 |

PROJECT AREA: TECHNICAL ARCHITECTURE

| STAFF LEVEL OF EFFORT | FY92 | FY93 | FY94 | (STAFF YEARS) FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| CIVILIAN | 15 | 17 | 27 | 34 | 30 | 20 | 20 |
| MILITARY | | | | | | | |
| OFFICER | | 1 | 2 | 3 | 3 | 2 | 2 |
| ENLISTED | | | | | | | |
| TOTAL | 15 | 18 | 29 | 37 | 33 | 22 | 22 |

| PROJECT RESOURCES | | | | ($000) | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 340 | 353 | 548 | 567 | 391 | 404 | 418 |
| OTHER CONTRACTS | 330 | 513 | 533 | 551 | 190 | 196 | 203 |
| O & M TOTAL | 670 | 866 | 1,081 | 1,118 | 581 | 600 | 621 |
| R & D | | 115 | 230 | 240 | 380 | 325 | 340 |
| PROCUREMENT | | 115 | 230 | 240 | 380 | 325 | 340 |
| TOTAL | 670 | 1,096 | 1,541 | 1,598 | 1,341 | 1,250 | 1,301 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 O&D BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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# INFRASTRUCTURE ENGINEERING
## UTILITY ENGINEERING

PURPOSE:  To promote increased efficiency and performance in the computer/communications infrastructure by establishing measures of infrastructure efficiency; benchmarking industry efficiency; reviewing and recommending improvements to consolidation plans; planning a long-term DoD central processing utility; and supporting acquisition of common hardware, operating systems, and utility software to support DoD-wide applications. .

DESCRIPTION:  This project will establish performance and efficiency measures for computers and data communications and determine the prevailing state-of-the-art and projected improvements in the commercial sector.  It will provide a capability to conduct DPI assessments.  In addition, it will determine the best methods for designing computer/communications networks in terms of location, cost, capacity, performance, security, and redundancy.

This project will assist OSD in analyzing the current MILDEP consolidation plans for completeness in tasks, cost and schedule, and efficiency of processing configuration.  The use of common methodology and tools will be promoted.

This project will also plan a central processing utility as a follow-on to the computer/communications infrastructure resulting from near term MILDEP consolidations addressing

- overall requirements,
- sizing,
- environment mix,
- facility planning,
- efficiency and performance predictions,
- network management engineering,
- security planning,
- service contract definition,
- program management and defense,
- specification preparation, and
- coordination with technical integration agents.

A key element of this project will be the planning and development of specifications for the acquisition of mainframes and user equipment in commodity procurements to facilitate migration to an open systems utility and to enable acquisition of mainframe processing equipment or services for a centralized utility supporting both legacy and open sectors.  This will include the development of approaches to efficiently acquire, administer, maintain, and evolve office automation equipment such as surveying the commercial off-the-shelf (COTS) marketplace and accessing COTS products.  In addition, assistance will be provided to OSD in the review of DoD hardware acquisition policy to reduce lead times, to allow DoD to stay

closer to the state-of-the-art, and to assist OSD in its reviewof major ADP hardware acquisitions, particularly in the MAISRC process. This activity will plan an integration of DoD's supercomputers into a minimum cost network capable of meeting DoD's high performance computing requirements. In the C3 sector, it will establish a cost basis for evaluating C3I system consolidations and will recommend guidelines for determining costs for system development, operation, and maintenance.

REQUIREMENTS:  DMRD 924, DDI request for "leasing company"

CUSTOMERS:  DDI, Director (Information Services), Services/Agencies

PRODUCTS/MILESTONES:

| | |
|---|---|
| Measurement plan and assessment | FY92 |
| Initiate DPI assessments | FY92 |
| Utility options analysis and recommendations | FY92 |
| Premises equipment evolution and maintenance strategy | FY92 |
| Strawman utility implementation plan | FY93 |
| Infrastructure acquisition specification | FY93 |
| Utility integration and test plan | FY93 |
| Supercomputer network plan | FY94 |
| Acquisition specification for systems and services | FY94 |
| Source selection for utility system and services | FY95 |
| Installation and integration of new networks among supercomputers | FY96 |
| A cost basis for evaluating C3I systems | FY96 |
| Guidelines for obtaining C3I system costs | FY96 |
| Utility services IOC | FY96 |
| Post-1999 infrastructure specifications | FY97 |

PROJECT AREA: UTILITY ENGINEERING

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 24 | 39 | 85 | 100 | 113 | 96 | 96 |
| MILITARY | | | | | | | |
| OFFICER | | 4 | 9 | 10 | 11 | 9 | 9 |
| ENLISTED | | | | | | | |
| TOTAL | — 24 | 43 | 94 | 110 | 124 | 105 | 105 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 340 | 353 | 548 | 567 | 586 | 606 | 627 |
| OTHER CONTRACTS | 165 | 856 | 1,598 | 2,387 | 2,847 | 1,374 | 1,421 |
| O & M TOTAL | 505 | 1,209 | 2,146 | 2,954 | 3,433 | 1,980 | 2,048 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 505 | 1,209 | 2,146 | 2,954 | 3,433 | 1,980 | 2,048 |

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# INFRASTRUCTURE ENGINEERING
## UTILITY ACQUISITION AND OPERATIONS

PURPOSE: To reduce the overall DoD ADPE and services costs by acquiring ADPE for lease to the Services, by receiving, managing, and modernizing selected data processing installations (DPIs), and by acquiring systems and services for a common open systems environment information processing utility.

DESCRIPTION: This project will encourage the implementation of an open architecture and facilitate introduction of new information systems by promoting and/or conducting common acquisitions. A key element will be to develop and manage an ADPE information technology warehouse ("leasing company") to provide the DoD community with state-of-the-art technology when required to reduce acquisition time. The "leasing company" service will acquire hardware (for DPIs and desktops) for all of DoD, leasing hardware to the Services/Agencies, and disposing of it when not needed. The "leasing company" will be expanded to include acquisition of tactical C3I ADPE post-1996. Support from the MILDEPs may be required to conduct certain acquisitions.

If DPIs are assigned to DISA, this project will manage them on a fee-for-service basis in an efficient, effective, and competitive manner. It will modernize these DPIs to create a "model utility" that will compete for business in DoD.

This project will acquire DPI service offerings and turnkey systems from outside suppliers when necessary to meet the mission objectives of the customer community in a timely manner. It will also acquire mechanisms to provide services to efficiently administer, maintain, and evolve office automation throughout DoD. Such premises services will be offered to the MILDEPs on a fee-for-service basis. This may take the form of management oversight of MILDEP base maintenance.

REQUIREMENTS: DMRD 924, DoD Directive 7950.1

CUSTOMERS: DDI, MILDEPs, Director (Information Services)

PRODUCTS/MILESTONES:

| | |
|---|---|
| "Leasing company" program plan | FY91 |
| Definition of MILDEP acquisition assistance requirements | FY92 |
| Manage a fee-for-service DPI | FY92 |
| ADPE "leasing company" plan | FY92 |
| ADPE "leasing company" IOC | FY93 |
| Conduct common acquisition | FY93 |
| Acquire warehouse facility | FY94 |
| Service offering and turnkey system planning/acquisition | FY93-98 |
| Plan acquisition and operation of WWMCCS successor | FY96 |

DODIIS operations management plan                         FY96
C3I shore-based telecommunications operations plan       FY96
Tactical C3I ADPE warehouse plan                         FY96

PROJECT AREA: UTILITY ACQUISITION & OPERATIONS

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 14 | 29 | 60 | 93 | 130 | 158 | 158 |
| MILITARY | | | | | | | |
| OFFICER | . | 4 | 6 | 9 | 9 | 10 | 10 |
| ENLISTED | | | | | 3 | 4 | 4 |
| TOTAL | — 14 | 33 | 66 | 102 | 142 | 172 | 172 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 170 | 353 | 548 | 567 | 782 | 808 | 836 |
| OTHER CONTRACTS | 165 | 513 | 1,243 | 1,836 | 2,847 | 4,319 | 4,669 |
| O & M TOTAL | 335 | 866 | 1,791 | 2,403 | 3,629 | 5,127 | 5,505 |
| R & D | | | | | | | |
| PROCUREMENT | | 5,000 | 5,175 | 5,351 | 5,533 | 5,721 | 5,916 |
| TOTAL | — 335 | 5,866 | 6,966 | 7,754 | 9,162 | 10,848 | 11,421 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM AEDC3I
AS THE DISA CIM FY 92 AND 93 OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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# INFRASTRUCTURE ENGINEERING
## COMPUTER-AIDED LOGISTICS SYSTEM TEST NETWORK OPERATIONS

PURPOSE: Operate the Computer-Aided Acquisition and Logistics System (CALS) Test Network (CTN).

DESCRIPTION: This project will support OSD in the management and operations of the Computer-aided Acquisition and Logistics System (CALS) Test Network (CTN).

REQUIREMENT: JAN 14 DoD CIM Implementation Plan Memo

CUSTOMERS: OSD(P&L), MILDEPs, Defense contractors

Products/Milestones:

| | |
|---|---|
| Assume operation of CTN | FY92 |
| Operate CTN | FY92-98 |

PROJECT AREA: COMPUTER-AIDED ACQUISITION AND LOGISTICS SYSTEM TEST NETWORK OPERATION

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 5 | 10 | 10 | 10 | 10 | 10 | 10 |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | | | | | | | |
| TOTAL | 5 | 10 | 10 | 10 | 10 | 10 | 10 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | | | | | | | |
| O & M TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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## DoD INFORMATION TECHNOLOGY STANDARDS
## PROGRAM OVERVIEW

PURPOSE:  To manage the development and life cycle maintenance
of Information Technology (IT) Standards for use in DoD's
information management systems.

DESCRIPTION:  Under this program DISA's Center for Standards
(CFS) will serve as the DoD Executive Agent for centralized
management of information technology (IT) standards.  The scope
of this mission involves all functional areas (business and
C3I), and includes information, information processing, and
information transfer standards.  The CFS is responsible for the
life cycle management of all IT standards.  The primary goal of
the CFS is to guide the development of standards within DoD and
to encourage industry development and adoption of standards that
support DoD requirements.  The first priority is standards for
C3I systems as these systems directly support our forces in
combat.  Synergy among all functional areas will be achieved by
applying standards solutions uniformly where possible.  The
DISA/Center for Standards will execute this mission by providing
strong centralized management and leadership of standards
processes, and by validating, prioritizing, coordinating,
controlling, harmonizing, integrating and guiding DoD standards
activities.  Additionally, the CFS serves as the DoD focal point
for managing DoD-directed resources assigned for direct support
and coordination between the NIST and the DoD.

KEY ACTIVITIES AND MILESTONES:  During the period covered by
this plan, the Information Technology Standards program will
undertake many new initiatives to consolidate information
technology standards efforts across all functional areas and
promote the satisfaction of DoD needs via open systems
standards.  Key activities for FY92 include the establishment of
a centralized secretariat/process and structure; publication of
a standards management plan; integration of a C3I/DoD/non-DoD
data element dictionary repository; initial harmonization of C3I
data elements with business data elements; completion of a
technical analysis for NITF TACO-2 Protocol conversion to the
GOSIP/NITF Image compression standard; development of DoD GOSIP
message handling requirements; the establishment of an initial
standard for a graphical user's interface; and the activation of
an initial information processing standards management process
and structure.  Projects for FY93 and beyond include the
establishment of standards profiles to meet DoD acquisition
needs in the areas of electronic data interchange, security and
vulnerability in open systems, and  GOSIP LAN interconnectivity;
export of DoD information standards into the national and
international arenas; and implementation of automated tools for
standards management and development.

PROGRAM AREA: INFORMATION TECHNOLOGY STANDARDS

| I/E MANPOWER | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 80 | 122 | 137 | 156 | 168 | 185 | 203 |
| MILITARY | | | | | | | |
| OFFICER | 1 | 4 | 8 | 9 | 15 | 19 | 21 |
| ENLISTED | | | | | | | |
| TOTAL | 81 | 126 | 145 | 165 | 183 | 204 | 224 |

| PROGRAM RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER CONTRACTS | 1,440 | 2,080 | 2,480 | 2,960 | 3,280 | 3,680 | 4,160 |
| O & M TOTAL | 1,440 | 2,080 | 2,480 | 2,960 | 3,280 | 3,680 | 4,160 |
| R & D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PROCUREMENT | 978 | 245 | 150 | 164 | 165 | 187 | 193 |
| TOTAL | 2,418 | 2,325 | 2,630 | 3,124 | 3,445 | 3,867 | 4,353 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

## DoD INFORMATION TECHNOLOGY STANDARDS
## INFORMATION PROCESSING STANDARDS

PURPOSE: To manage the development and life cycle maintenance of information processing (IP) standards for use in DoD's information management systems.

DESCRIPTION: The project will lead the transition of DoD information systems to standards based open systems technology by establishing a disciplined management process and structure for the definition, development, establishment, implementation and maintenance of information processing standards for C3I and business systems. A close working relationship with NIST will be established to obtain their representation of DoD interests in national and international bodies. This relationship will facilitate better acquisition strategies by promoting commercially available off-the-shelf products that meet DoD needs in all areas covered by the current NIST Application Portability Profiles guide.

REQUIREMENT: Secretary of Defense memorandum on CIM Implementation Principles, ELG Report, JROC Memo on C3I Systems Interoperability, CIM Implementation Plan, Director, Center for Standards and designation as Lead Standardization Activity for the IPSC Standardization Area.

CUSTOMERS: DISA/CIM, ASD(C3I), Joint Staff, C/S/As

PRODUCT AND MILESTONES:

| | |
|---|---|
| Establish DISA/CFS-NIST liaison office | FY92 |
| Establish IP program management office | FY92 |
| Negotiate DISA/CFS-NIST Memorandum of Agreement | FY92 |
| Establish a contingency standards process | FY92 |
| Evaluate available graphical user interfaces (GUI) and establish an initial standard for DoD acquisitions | FY92 |
| Establish IP stds Technical Management Panel (TMP) | FY92 |
| Convene IP stds TMP Quarterly | FY92-98 |
| Develop list and description of stds bodies | FY92 |
| Update stds bodies list and descriptions annually | FY92-98 |
| Charter initial group of DoD representatives | FY92 |
| Update DoD representatives charters semiannually | FY92-98 |
| Establish DoD representative management process | FY92 |
| Manage DoD representatives and update process | FY92-98 |
| Develop and establish IPSC Program Plan | FY92 |
| Update IPSC Program Plan Bi-Annually | FY94-98 |
| Define and implement initial electronic stds mgmt sys | FY92 |
| Refine and exercise electronic stds mgmt system | FY93-98 |
| Establish coordinated DoD participation in the evolution of POSIX stds | FY92 |
| Produce initial catalogue of existing standards | FY93 |
| Update catalogue of existing standards quarterly | FY93-98 |
| Evaluate existing electronic data interchange (EDI) stds | |

```
and establish an initial profile for DoD acquisitions        FY93
Develop initial prioritized list of stds deficiencies        FY93
Update prioritized stds deficiencies list quarterly          FY93-98
Define initial key stds projects                             FY93
Update key stds projects quarterly                           FY93-98
Establish initial stds profiles                              FY93
Update approved standards profiles quarterly                 FY93-98
Evaluate CALS stds applicability to DoD IP needs and
     incorporate into general stds profiles as appropriate   FY93 .
Coordinate an initiative to develop stds for security and
vulnerability reduction in open systems                      FY93
Publish implementation management plan                       FY94
Update implementation management plan annually               FY95-98
Evaluate the applicability of artificial intelligence
     IP needs and establish an initial profile for DoD
     acquisitions                                            FY95
Establish large scale mass storage std for DoD
     acquisitions                                            FY95
Establish stds profiles for modeling and simulation
     applications such as decision support,
     costing and testing                                     FY97
Evaluate the applicability of fourth generation
     language stds in meeting DoD requirements               FY98
```

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 38 | 52 | 58 | 65 | 66 | 72 | 80 |
| MILITARY | | | | | | | |
| OFFICER | | 3 | 7 | 8 | 14 | 18 | 20 |
| ENLISTED | | | | | | | |
| TOTAL | 38 | 55 | 65 | 73 | 80 | 90 | 100 |
| PROJECT RESOURCES | ($000) | | | | | | |
| O & M | | | | | | | |
| RDC | | | | | | | |
| OTHER CONTRACTS | 800 | 1,120 | 1,360 | 1,520 | 1,600 | 1,840 | 2,000 |
| O & M TOTAL | 800 | 1,120 | 1,360 | 1,520 | 1,600 | 1,840 | 2,000 |
| R & D | | | | | | | |
| PROCUREMENT | 153 | 96 | 73 | 69 | 68 | 85 | 90 |
| TOTAL | 953 | 1,216 | 1,433 | 1,589 | 1,748 | 1,925 | 2,170 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 O&D BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

# DoD INFORMATION TECHNOLOGY STANDARDS
## INFORMATION STANDARDS

PURPOSE: To manage the processes associated with the development and configuration management of information standards for DoD and related activities.

DESCRIPTION: This program supports directly the DoD standardization initiative. This program will enhance DoD mission effectiveness through the standardization of information management and the employment of information standards.' This will ensure that adequate information standards exist and are employed within DoD through life cycle management of standards processes in DOD. This area also includes participation in all appropriate international, national and commercial standards activities through an effort of coordination with various external standards activities and standards process developments. This task also provides for a central focal point for the cataloging of information standards and dissemination to all users in DoD.

REQUIREMENT: Existing C3I standards mission is documented is the DISA charter, DoDD 4630.5, MOP 160 and Director DCA Memo 18 JAN 91.

CUSTOMERS: DISA/CIM, ASD(C3I), Joint Staff, All CINCS, Services, and DoD Agencies, other Federal Agencies, and Allies

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Establish and maintain a C3I data element dictionary | FY92 |
| Begin rationalization/harmonization of key joint tactical C3I databases | FY92 |
| Complete rationalization/harmonization of key joint tactical C3I databases | FY92 |
| Analyze existing info stds, identify deficiencies and corrective actions, and begin resolution process | FY92 |
| Establish an initial catalog of existing information standards for DoD wide usage | FY92 |
| Develop and establish a training program regarding the use of DoD standards, the information standards process, and appropriate data dictionaries | FY92 |
| Provide integration of National Imagery Transmission Format Standards and Joint secondary imagery dissemination requirements/standards | FY92 |
| In coordination with CIM develop and consolidate DoD C3I info and data architectures, activity, and data models | FY92 |
| Identify and document modeling and simulation (M&S) activities and write guidelines for development of M&S stds | FY92 |
| Produce and implement Information Technology Standards program plan | FY92 |
| Provide C3I technical integration agent support to the Joint Staff, CINCs, and CIM | FY92 |

Develop a charter for defining policy, procedures and
    management responsibilities for the Information
    Standards Management Committees                              FY92
Establish and maintain a non-DoD data dictionary                 FY93
Establish a 24 hour-a-day CFS directory of services              FY93
Develop and put in place an information standards
    configuration management structure                          FY93
Provide CALS/EDI standards support                               FY93
Provide syntactic notation standards configuration
    management support documents                                FY93
Provide X.400 standards configuration management support         FY93
Establish an automated database containing information on
    all major, existing C3I databases, and systems              FY93
Establish an on-line centralized repository containing
    all DoD and non-DoD approved information standards           FY94
Provide life cycle maintenance of all DoD information stds       FY94
Document standards Rev/Norm                                      FY94
Export DoD information standards to international,
    commercial, and non-DoD standards forums                    FY93-98
Import international, commercial and federal
    information standards into DoD                              FY93-98
Provide list of information standards forums, DoD
    representatives, and points of contact                      FY93-98
Provide international travel and protocol support to
    DoD representatives                                         FY93-98
Represent DoD at international, Federal, and commercial
    standards forums                                           FY93-98
Implement building block approach to C3I data standards         FY93-98

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 24 | 35 | 44 | 53 | 60 | 70 | 80 |
| MILITARY OFFICER ENLISTED | | | | | | | |
| TOTAL | 24 | 35 | 44 | 53 | 60 | 70 | 80 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M FFRDC OTHER CONTRACTS | 480 | 720 | 880 | 1,120 | 1,280 | 1,440 | 1,600 |
| O & M TOTAL | 480 | 720 | 880 | 1,120 | 1,280 | 1,440 | 1,600 |
| R & D | | | | | | | |
| PROCUREMENT | 689 | 62 | 58 | 63 | 58 | 75 | 80 |
| TOTAL | 1,169 | 782 | 938 | 1,183 | 1,338 | 1,515 | 1,760 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 O&D BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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## DoD INFORMATION TECHNOLOGY STANDARDS
## INFORMATION TRANSFER STANDARDS

PURPOSE: To manage the processes associated with development and configuration management of standards to ensure the transfer of information from source to sink for all DoD information management systems.

DESCRIPTION: Under this project DISA/CFS will manage the development and maintenance of information transfer standards to support the movement of information, both raw and processed data, a key ingredient of the total CIM initiative. Consolidation of business areas carries with it the transfer of larger volumes of information between many dispersed users, as well as larger consolidated data processing centers. This creates the need for greatly expanded efforts in standards development in the areas of broadband transmission, data communications protocols, and terminal or input/output devices. These activities fall under three major standards areas as defined in SD-1, Data Communications Protocol Standards, Strategic-Long Haul Telecommunications Standards, and Tactical Communications Technical Standards.

REQUIREMENT: The DDI supports consolidating, integrating and centrally managing DoD's IT standards. Formal tasking to DISA is forthcoming. Existing C3 standards mission is documented in the DISA charter, DoDD 4630.5 (under revision to include I), MOP 160, and Director, DCA Memo, 18 Jan 90.

CUSTOMERS: DISA/CIM, ASD(C3I), Joint Staff, C/S/As, Allies

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Develop technical requirements for transition of NITF TACO-2 Communications Protocol to GOSIP | FY92 |
| Produce DoD standard for areas of NITF TACO-2 Communications Protocol which GOSIP will not satisfy | FY94 |
| Obtain international standard approval of NITF TACO-2 Communications Protocol capabilities in GOSIP | FY98 |
| Complete evaluation of Joint Photographic Experts Group (JPEG) image compression coding scheme | FY92 |
| Continue evaluation in search of improved algorithms for future use in meeting DoD needs | FY93 |
| Publish image compression standard based upon JPEG or (if JPEG is not satisfactory) initiate work to change commercial standard or initiate work on MIL-STD | FY93 |
| Initiate DoD GOSIP Requirements for Message Handling identification and technical analysis | FY92 |
| Complete DoD std for DoD GOSIP Msg Handling Requirements | FY94 |
| Complete draft of international standard on GOSIP Requirements for Message Handling | FY96 |
| International standard approved/implemented in GOSIP | FY97 |
| Assess tech stds on imagery in all functional areas and | |

```
        make recommendations                                    FY95
Write strawman stds for commonality among imagery systems       FY97
Complete processing satellite standards for IF waveform
        and radio frequency performance                         FY95
Complete multiplexer standard for processing satellites         FY96
Complete DAMA comm protocol std for processing satellites       FY97
Complete EHF interoperability and performance standard for
        processing satellites                                   FY97
Develop, coordinate and publish a configuration management
        plan for new communities of interest                    FY93
Initiate expanded configuration management database             FY93
Expanded configuration management database implemented .        FY94
Initiate study to identify intelligence and corporate
        information management requirements                     FY92
Complete DoD draft standard documenting unique
        requirements for implementing GOSIP in LANs             FY93
Complete draft ANSI std for implementing GOSIP in LANs          FY94
Complete DoD final std for implementing GOSIP in LANs           FY95
International std approved for implementing GOSIP
        in LANs                                                 FY97
Select scheme for NITF error detection/correction               FY92
Prepare draft standard for NITF error detection/correction      FY94
Publish MIL-STD on NITF error detection/correction              FY95
Publish revised MIL-STD-187-700, addressing the areas
        which are impacted by the additional requirement
        to transmit corporate business information              FY96
Publish revisions to broadband transmission standards
        which are impacted by the additional requirement
        to transmit business information                        FY98
```

PROJECT AREA: INFORMATION TRANSFER STANDARDS

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 4 | 6 | 6 | 8 | 9 | 9 | 9 |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | | | | | | | |
| TOTAL | 4 | 6 | 6 | 8 | 9 | 9 | 9 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | 80 | 160 | 160 | 160 | 160 | 160 | 160 |
| O & M TOTAL | 80 | 160 | 160 | 160 | 160 | 160 | 160 |
| R & D | | | | | | | |
| PROCUREMENT | 18 | 11 | 3 | 12 | 9 | 5 | 5 |
| TOTAL | 98 | 171 | 163 | 172 | 169 | 165 | 165 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 O&D BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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## DoD INFORMATION TECHNOLOGY STANDARDS
## STANDARDS SUPPORT/SECRETARIAT

**PURPOSE:** To manage the details of the DISA/Center for Standards (CFS) day-to-day activities and coordinate broad program support to the entire standards effort.

**DESCRIPTION:** The Secretariat will support both the CFS as a whole and the Standards Coordinating Committee, the CFS's tie to the Service and Agency users, development communities, information system program managers, technology labs, and testers. The Secretariat will develop and implement business case analyses and standard operating procedures which detail the standards management process; assimilate, prepare and track actions, issues and resource matters; develop a centralized standards POM submission; manage the resultant budget, and coordinate preparation and maintenance of a DoD IT standards management plan. The Secretariat will develop and oversee execution of Configuration Management (CM) policy; develop requirements for and take action to satisfy automation requirements to support DoD IT standards management process; operate and provide user access to approved standards.

The Secretariat will assist the Director, Center for Standards and the technical directorates in integrating and coordinating all the CFS's standards management activities. The Secretariat will serve as the CFS's focal point for outside activities to acquire information about and be directed to the appropriate technical directorate. The Secretariat will support the Vice Director, Center for Standards in his role as Chairman of the Standards Coordinating Committee (SCC). The Secretariat will develop and maintain the SCC Terms of Reference and the SCC administrative processes.

**REQUIREMENT:** The DDI endorses consolidating, integrating and centrally managing DoD's IT standards. Formal DDI tasking to DISA is forthcoming. Existing C3 standards mission is documented in the DISA charter, DoDD 4630.5 (under revision to include I), MOP 160, and Director, DCA memo, 18 Jan 90.

**CUSTOMERS:** DISA/CIM, ASD(C3I), Joint Staff, C/S/As.

**PRODUCTS AND MILESTONES:**

| | |
|---|---|
| Prepare IT Resourcing Strategy | FY92 |
| Activate Standards Coordinating Committee & Secretariat | FY92 |
| Develop IT Standards Process & Structure | FY92 |
| Update Policy Documents (DoDD 4630.5, MOP 160, DISA Charter) | FY92 |
| Publish IT Standards Management Plan | FY92 |
| Refine & Improve Centralized IT Standards | FY93 |
| Publish Second IT Standards Management Plan | FY93 |

| | |
|---|---|
| Addition of Standards in Automated Repository | FY93 |
| Enhance User Access to Automated Tools | FY93 |
| Refine IT Policy Documents | FY93 |
| Continue Refining IT Standards Process & Structure | FY94-98 |
| Publish Annual IT Standards Management Plan | FY94-98 |
| Continue Updating Automated Standards Repository | FY94-98 |
| Implement Upgrades to Automated Standards Systems | FY94-98 |
| Develop Additional Automated Tools for Standards Community | FY95 |
| Plan for replacement of Automated Standards Repository in FY95-98 timeframe | FY95 |
| Implement Plans for Replacement of Automated Repository | FY97 |

PROJECT AREA: STANDARDS SUPPORT/SECRETARIAT

| STAFF LEVEL OF EFFORT | FY92 | FY93 | FY94 | (STAFF YEARS) FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| CIVILIAN | 4 | 4 | 4 | 5 | 8 | 9 | 9 |
| MILITARY | | | | | | | |
| OFFICER | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ENLISTED | | | | | | | |
| TOTAL | 5 | 5 | 5 | 6 | 9 | 10 | 10 |

| PROJECT RESOURCES | | | | ($000) | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | 80 | 80 | 80 | 160 | 160 | 240 | 240 |
| O & M TOTAL | 80 | 80 | 80 | 160 | 160 | 240 | 240 |
| R & D | | | | | | | |
| PROCUREMENT | 73 | 3 | 3 | 7 | 17 | 9 | 5 |
| TOTAL | 153 | 83 | 83 | 167 | 177 | 249 | 245 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

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## DoD INFORMATION TECHNOLOGY STANDARDS
## NIST TECHNICAL SUPPORT

**PURPOSE:** To provide direct support and coordination between the NIST and the DoD in meeting DoD information technology needs.

**DESCRIPTION:** This is an ASD(C3I) DDI directed project to be managed by DISA/Center for Standards. The details are currently under negotiation between the NIST and DISA/Center for Standards.

**REQUIREMENT:** ASD(C3I) DDI.

**CUSTOMERS:** DISA/CIM, ASD(C3I), Joint Staff, C/S/As.

**PRODUCTS AND MILESTONES:**

Establish NIST Technical Support Office                    FY92

PROJECT AREA:  NIST TECHNICAL SUPPORT

|  | | | | (STAFF YEARS) | | | |
|---|---|---|---|---|---|---|---|
| STAFF LEVEL OF EFFORT | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 10 | 25 | 25 | 25 | 25 | 25 | 25 |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | | | | | | | |
| TOTAL | 10 | 25 | 25 | 25 | 25 | 25 | 25 |

| PROJECT RESOURCES | | | | ($000) | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | | | | | | | |
| O & M TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R & D | | | | | | | |
| PROCUREMENT | 45 | 73 | 13 | 13 | 13 | 13 | 13 |
| TOTAL | 45 | 73 | 13 | 13 | 13 | 13 | 13 |

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 O&D BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

# TECHNICAL INTEGRATION MANAGEMENT
## PROGRAM OVERVIEW

PURPOSE: To plan and orchestrate development and implementation of information systems that fully support Department mission requirements and conform with Department standard data, infrastructure, and related technical framework and guidelines.

DESCRIPTION: The Technical Information Managers (TIMs) have primary responsibility for technical integration of information systems in DoD. The TIMs are responsible for developing the architecture and planning the development and implementation of cross-functional and functional area information systems capabilities, using the generic information systems building blocks created and maintained by the major line Directorates in DISA/CIM. The TIMs are also responsible for oversight of Technical Implementation Managers' design, development, testing, deployment, operation and maintenance of the information systems.

Program Concept

- TIMs will be assigned to provide technical integration coverage for all functional areas within the Department. Assignment of TIMs will be an incremental process, coinciding with functional area management's negotiations with the Director of Defense Information. This plan assumes the eventual assignment of 10-12 TIMs, in four phases:

    (1)  FY 91, 4th QTR: Medical, and Materiel & Logistics
    (2)  FY 92, 3rd QTR: C3, Finance, Human Resources, and Acquisition
    (3)  FY 93, 2nd QTR: Policy, Operations and Intelligence, and CINC/Theater Operations
    (4)  FY 93, 4th QTR: Additional areas as required

- As TIMs are designated, each will progress through a 4-stage process. Resource requirements for program planning will increase steadily until approximately mid-stage 2, and then level off. The basic elements of the stages are:

    (1)  Organization start up, preliminary planning/ budgeting, and organization population
    (2)  Analysis of functional requirements, application of framework and guidelines, formulation of architectures, migratory plan formulation
    (3)  Chartering and overseeing programs/projects, managing selected programs/projects
    (4)  Iterative application of 2nd and 3rd stages

- This plan describes a generic program for technical integration management, applicable to all TIMs. The chart of needed resources is based on the requirements for a single TIM, multiplied by 12, with the first assignments being made the 4th quarter of FY 91, and the last taking effect the 4th quarter of FY 93.

Key TIM responsibilities are:

- Providing technical advice to the functional integration managers to help ensure adequate and feasible information systems strategies are developed for the functional area.
- Recommending Technical Implementation Manager selection to the functional ASD and the DDI for final decision.
- In coordination with CIM/XE/XF/XI, analyzing functional requirements, current baseline, the state of open systems technologies, other required building blocks, and business case data to ensure an optimum evolution path.
- In coordination with CIM/XE/XF/XI, developing technical integration plans for the functional area that include near and mid-term architectures, migration strategies and project descriptions.
- Ensuring the development, maintenance, and operation of information systems for specific functional areas, to include databases, applications and associated infrastructure requirements, that implement approved information systems strategies.
- In coordination with related activities, prototyping and testing development approaches, including the design, development, operation and maintenance of consolidated/integrated data bases for Department use across functional areas.
- In conjunction with XF, implementing corporate subject area data bases and ensuring their proper operation across functional areas.
- Tasking and overseeing technical implementation management organization activities to achieve/implement approved strategies and projects.
- In coordination with CIM/XE, providing technical guidance and expertise to the Technical Implementation Managers to ensure that standard methods and tools, common acquisitions and other building blocks are used in their development efforts.
- Reviewing technical implementation management plans for conformance to overall functional requirements and technical information plans.
- Establishing and executing a technical integration control mechanism for the functional area, to ensure control of baselines and interfaces for specific systems and projects within the functional area and across areas.

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- Facilitating the on-going transfer of new functional requirement(s) and/or modifications to existing functional requirements between the functional integration management organization and the technical implementation management organization(s) and cross functional/technical organizations.
- Synchronizing implementation activities across functional areas.

REQUIREMENT: On 12 June 1991, the DoD Information Technology Policy Board (ITPB) assigned the Defense Information Systems Agency (DISA) responsibility to perform technical integration in each functional area. To date, two Technical Integration Managers have been assigned: Dr. Michael J. Mestrovich, Medical Technical Integration Manager and Mr. Lonnie L. Thompson, Materiel & Logistics Technical Integration Manager.

CUSTOMERS: The products and services associated with this project are intended to support information system technical integration activities throughout the Department. Principal customers are functional proponents and their functional integration managers and system users.

PRODUCTS AND MILESTONES: Products and Milestones are shown below for the Medical and Materiel & Logistics TIMs. The same products apply to TIMs assigned during later phases, with milestones at correspondingly later dates. Products with a continuing requirement are so indicated.

| | |
|---|---|
| Memorandum of understanding among affected organizations | 9/91 |
| Establishment of functional area info systems baseline | 10/91 |
| Assessment of current technical/functional baseline | 11/91 |
| Adjustment of extant technical implementation management plans | 11/91 |
| Technical architecture (continuous) | 1/92 |
| Data architecture (continuous) | 1/92 |
| Consolidated acquisition requirements forfunctional area (updated annually) | 1/92 |
| Consolidated budget data (updated semi-annually) | 1/92 |
| DOD Acquisition vehicle coordination (periodic revision as required) | 2/92 |
| Information systems plan mapping requirements to target architectures, migration strategies, and implementing programs/projects (continuous) | 2/92 |
| Project descriptions and charters for technical implementation managers (continuous) | 3/92 |
| Project technical reviews | Quarterly |
| Consolidated progress reports | Quarterly |
| Technical interchange working sessions | Periodic |

| | |
|---|---|
| Configuration management plan | 3/92 |
| Prototype plan | 3/92 |
| Integrated database prototypes | FY92 - 98 |
| Technical prototypes | FY92 - 98 |
| Integration control board charter | 4/92 |
| Integration configuration control activities | Continuous |
| Architecture and standards conformance reviews | Periodic |
| Configuration baseline | |
| (updated as required) | 6/92 |
| Technical support to projects | Continuous |
| Integrated test master plan | |
| (draft) | 6/92 |
| Test procedures and plans | 10/92 |
| Test activities | FY93 - 95 |
| Cross-functional analyses and plans | FY92 - 94 |

PROGRAM AREA: TECHNICAL INTEGRATION MANAGEMENT

| I/H MANPOWER | (STAFF YEARS) | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 75 | 244 | 390 | 390 | 390 | 390 | 390 |
| MILITARY OFFICER ENLISTED | 14 | 97 | 110 | 110 | 110 | 110 | 110 |
| TOTAL | 89 | 341 | 500 | 500 | 500 | 500 | 500 |

| PROGRAM RESOURCES | ($000) | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| O & M ($000) | | | | | | | |
| FFRDC | 679 | 1,127 | 1,607 | 2,041 | 2,110 | 2,182 | 2,256 |
| OTHER CONTRACTS | 3,913 | 6,154 | 8,201 | 10,957 | 11,251 | 11,780 | 12,375 |
| O & M TOTAL | 4,592 | 7,281 | 9,808 | 12,998 | 13,361 | 13,962 | 14,631 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 4,592 | 7,281 | 9,808 | 12,998 | 13,361 | 13,962 | 14,631 |

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# PLANNING, INTEGRATION, AND CUSTOMER SUPPORT
# PROGRAM OVERVIEW

**PURPOSE:** To provide planning and technical oversight, and manage acquisition across the Center programs and coordinate Center programs with related DISA and DoD CIM efforts. The goal is to support the Director, manage and assess current Center activities and plan for the future.

**DESCRIPTION:** This program area will produce the Center's Program and Resource Plan and Strategic Plan. This document is the Center's initial program plan which aligns resources with projects and programs. The Strategic Plan will follow the philosophy and doctrine espoused by the Director of Defense Information. It represents the long-term framework for the entire range of Center activities and provides a near-term focus on critical tasks and products. The Strategic Plan will describe specific technical initiatives that need to be implemented to enable the Center to achieve its objectives. Working closely with OSD, this program area will establish a DoD-wide fee-for-service strategy for appropriate areas such as communications and computer services.

The integration activity provides a horizontal view across Center program areas to ensure harmony and synergy between line elements and the overall DoD Corporate Information Management Program. This effort ensures that the Center's programs are cohesive, consistent and are directed to accomplishing the Center's goals. This activity ensures that Center programs are technically integrated to fulfill requirements in a cost effective manner and also are in harmony with other DISA and DoD CIM programs. It will perform cross-cutting technical activities such as developing an overall security approach and plan for information systems, and the development of a DoD IM life cycle methodology. This methodology will provide a framework for defining interfaces among the various phases of the information management life cycle and specific disciplines such as business case analysis, information systems engineering, and open systems architecture engineering. The benefits to DoD of producing the methodology include: technical improvements to DoD systems, consistency among DoD systems developments, and DoD-wide cost avoidance by precluding duplication of this effort by the Services/Agencies.

The customer support activity will be the initial focal point for interaction with users. The goal of this activity is to ensure that customers' prioritized requirements for services are met. Its activities consist of surveying customer requirements and priorities for products and services; consolidating overall user requirements and recommending priorities/scheduling to the Director and the planning activity; coordinating customer inquiries by establishing points-of-

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contact and user representatives and conducting periodic surveys of customer satisfaction.

Finally, acquisition support is provided to fulfill both the Center's internal contract requirements and also for identifying and coordinating common DoD requirements. As required, the Acquisition activity will assist in coordinating and developing DoD-wide vehicles for common methods and tools, commercial software packages, hardware and other items.

KEY PROJECTS AND MILESTONES:  The key products produced by this program area includes a Strategic Plan, provided by February 1992, updated every 6 months, that lays out the Technical initiatives the Center needs to accomplish over the next ten years.  The integration activity will produce a draft DoD IM Life-Cycle Methodology by June 1992.  In the customer support area an initial survey of customer needs will be completed by November 1992 and revised on a six month basis.

PROGRAM AREA: PLANNING AND INTEGRATION

|  | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| I/E MANPOWER | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 24 | 29 | 41 | 46 | 56 | 78 | 78 |
| MILITARY | | | | | | | |
| OFFICER | 7 | 9 | 9 | 11 | 11 | 12 | 12 |
| ENLISTED | | | | | | | |
| TOTAL | 31 | 38 | 50 | 57 | 67 | 90 | 90 |

| PROGRAM RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 510 | 528 | 548 | 567 | 585 | 606 | 626 |
| OTHER CONTRACTS | 610 | 654 | 825 | 1,147 | 1,187 | 1,203 | 1,244 |
| O & M TOTAL | 1,120 | 1,182 | 1,373 | 1,714 | 1,772 | 1,809 | 1,870 |
| R & D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PROCUREMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1,120 | 1,182 | 1,373 | 1,714 | 1,772 | 1,809 | 1,870 |

# PLANNING, INTEGRATION, AND CUSTOMER SUPPORT
## ACQUISITION

PURPOSE:  To provide a single focal point for planning and managing Center and DoD-wide acquisitions, ensure the availability-of selected common acquisition vehicles that meet DoD needs in a timely manner, serve as the focal point for Center-wide vehicles for support from FFRDCs, SETA and other contractors.

DESCRIPTION:  This activity plans, manages and coordinates Center and DoD-wide acquisitions for products and services.  It will develop a method to ensure DoD-wide acquisition requirements are identified; structuring acquisitions to meet overall DoD needs in a timely manner; identifying acquisition responsibilities; and ensuring effective user participation in the acquisition process.  It will prevent duplication and ensure full coverage in the Center's acquisition activities.

This activity will provide contracts with FFRDCs and SETA contractors for technical services to support the Center program. It will coordinate and oversee Center-wide contracts that cross program area boundaries, e.g., for overall life-cycle methodology tools.

As needed, the acquisition activity will assist in developing DoD-wide vehicles for common methods and tools, commercial software packages, hardware and other items.  It will coordinate with the Services, Agencies and JS to ensure their requirements are met.  As soon as possible, this service will be transitioned to operate on a chargeback basis, although some management overhead may continue to be centrally funded.

Initially this effort will include only those efforts that support the Center but it will grow as it provides requirement type acquisition vehicles for all of DoD.  These acquisitions will be eventually provided on a fee-for-service basis.

REQUIREMENT:  DDI; Director, Center for Information Management

CUSTOMER:  OSD, Services, Agencies, Commands

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Acquisition status reports | 3/92 |
| (updated quarterly) | |
| Center acquisition plan | 4/92 |
| (updated yearly) | |
| FFRDC contracts | |
| (updated yearly and as required) | FY91 |
| SETA contract award | 8/92 |
| Selected center acquisitions | TBD |
| DoD-wide acquisitions | TBD |

PROJECT AREA: ACQUISITION

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 2 | 3 | 8 | 9 | 14 | 25 | 25 |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | | | | | | | |
| TOTAL | 2 | 3 | 8 | 9 | 14 | 25 | 25 |

PROJECT RESOURCES ($000)

| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | | | | | | | |
| O & M TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# PLANNING, INTEGRATION, AND CUSTOMER SUPPORT PROGRAM
## INTEGRATION

PURPOSE: To ensure integration of intra-Center technical activities, and efforts among the Center, DISA and DoD CIM, to guide the development of an integrated top-level IM life-cycle methodology, to provide a framework for managing the interfaces between program area methodologies, and to manage technical efforts that involve multiple directorates and ensure efforts of Technical Integration Managers are coordinated with other directorates activities.

DESCRIPTION: This activity will perform systems integration across the Center, DISA and DoD CIM activities to ensure consistency, completeness and adherence to DoD IM policy, goals and objectives. An example of this cross-cutting activity is to develop an integrated approach to security issues that have an impact on all program areas, and must be addressed in a holistic manner similar to ITPB Action 91-21 for methodologies.

The Integration activity will develop a top level DoD information management life-cycle methodology as an integrating framework for business case analysis and information engineering, information systems software engineering, open systems infrastructure engineering and other disciplines. It will develop a management plan for required methodology efforts. It will help to institutionalize the methodology through provision of concise guidelines, a training plan and user support. The methodology will be tested in real-world applications. This activity responds to ITPB Action 91-21.

The activity serves as technical staff to the Director, Center for Information Management. It will develop and maintain a technical management plan for coordinating cross-cutting, detailed technical activities and evolving to the target IM environment that includes fee-for-service. To make the plan effective, the integration project will conduct in-progress reviews, technical interchange meetings, and other cross-program liaison activities. It will provide a single focal point for Center interaction with the ITPB to ensure coordinated Center positions, consistency with Center goals and follow-up actions. As necessary, it will manage tiger teams to resolve high priority IM issues. Finally, it will provide technical assistance to the directorates, as required.

REQUIREMENT: ELG; DDI, Director

CUSTOMER: ASD (C3I), Services, Agencies, JS

PRODUCTS AND MILESTONES:

DoD IM life-cycle methodology
- Concept                                    8/91
- Draft framework                            1/92

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| | |
|---|---|
| I-CASE recommendations | 1/92 |
| Technical management plan | 6/92 |
| Security plan | 2/92 |
| MAISRC review | As required |
| ITPB coordination | Continuous |
| Technical reviews, technical interchange meeting, cross-program liaison | As required |
| Tiger teams | As required |

PROJECT AREA:   INTEGRATION

| STAFF LEVEL OF EFFORT | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 7 | 7 | 13 | 17 | 22 | 32 | 32 |
| MILITARY | | | | | | | |
| OFFICER | | 2 | 2 | 3 | 3 | 4 | 4 |
| ENLISTED | | | | | | | |
| TOTAL | 7 | 9 | 15 | 20 | 25 | 36 | 36 |

| PROJECT RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 340 | 352 | 366 | 378 | 390 | 404 | 418 |
| OTHER CONTRACTS | 300 | 313 | 490 | 674 | 697 | 720 | 744 |
| O & M TOTAL | 640 | 665 | 856 | 1,052 | 1,087 | 1,124 | 1,162 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 640 | 665 | 856 | 1,052 | 1,087 | 1,124 | 1,162 |

# PLANNING, INTEGRATION, AND CUSTOMER SUPPORT PROGRAM PLANNING

PURPOSE: To plan the technical initiatives across the Center, and between the Center and the rest of DoD, assess technologies for their strategic impacts, develop a fee-for-service plan with OSD, and translate Center plans into budget inputs.

DESCRIPTION: This activity will develop and maintain the Program and Resource Plan and Strategic Plan for the Center to support DoD IM. The Center's Strategic Plan will follow the philosophy espoused by the Director of Defense Information (DDI) and will provide technical support to the DDI for the overall DoD Corporate Information Management Program. Prior to publication of the Center's Strategic Plan, working meetings will take place between the DDI's staff and the Center's planning staff to ensure an overall comprehensive plan is established. The Strategic Plan will also be coordinated with the Services and other DoD components. The Center Plan will be translated into budgetary inputs for DISA five year corporate plan submissions and operating plans.

To support the planning process, liaison with the DoD community will provide the information for technology assessments and the impact of technology on future information management systems. Another focus area for early attention is to work with OSD to develop an overall fee-for-service strategy, including the transition of DoD information technology services to operate on a fee-for-service basis. This strategy will help to guide and ensure consistency of all fee-for-service plans and implementations across the Center programs.

This activity will brief the Center Director regularly on the status and progress of the DoD IM efforts for which the Center is responsible. It will also provide Center liaison with ASD(C3I) on planning and policy issues.

REQUIREMENT: Director, Center for Information Management

CUSTOMERS: DISA Director, Center Director, ASD(C3I), DISA Senior Managers

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Establish service coordination working group | 9/92 |
| Strategic Plan | 2/92 |
| (Updated every 6 months) | |
| Fee-for-service strategy & plan | |
| (dependent upon OSD schedule) | TBD |
| Technology assessments | |
| (critical areas) | 1/92 |
| (initial assessment) | 5/92 |
| updated periodically | |

Center FYCP inputs
    (updated bi-annually)                                    1/92
Center operating plan
    (updated every 6 months)                                 6/92

PROJECT AREA: PLANNING

| STAFF LEVEL OF EFFORT | | | | (STAFF YEARS) | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 12 | 15 | 16 | 16 | 16 | 16 | 16 |
| MILITARY OFFICER ENLISTED | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| TOTAL | 15 | 18 | 19 | 19 | 19 | 19 | 19 |

PROJECT RESOURCES $(000)

| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| O & M FFRDC | 170 | 176 | 182 | 189 | 195 | 202 | 208 |
| OTHER CONTRACTS | 310 | 341 | 335 | 473 | 490 | 483 | 500 |
| O & M TOTAL | 480 | 517 | 517 | 662 | 685 | 685 | 708 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 480 | 517 | 517 | 662 | 685 | 685 | 708 |

* THE FY92 CIVILIAN BILLET FIGURE INCLUDES THE CENTER FRONT OFFICE STAFF AND DIRECTORATE FRONT OFFICE STAFF

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## PLANNING, INTEGRATION, AND CUSTOMER SUPPORT
## CUSTOMER SUPPORT PROJECT

PURPOSE:   To provide a focal point in the Center's interaction
with customers to ensure customer requirements are met under a
total quality management (TQM) approach, develop a customer base
and market products and services to Service and Agency
customers, and measure user satisfaction and performance quality
of the Center's programs.

DESCRIPTION:   This activity will be the Center's first point of
contact for the CIM customer base.  It will support assessment
of user requirements, identify customers in the Services and
agencies, and serve as the customer support and help activity.
To ensure customer needs are satisfied and quality service is
maintained under the TQM concept, measurement mechanisms
including customer surveys, will be established.  Reports on how
the Center is doing and recommendations will be provided
periodically to the Director.

   This activity will help direct customers to the internal
CIM group or groups that best meet the customer's requirements.
It will establish Center points-of-contact and customer
representatives, consolidate customer requirements, and
recommend priorities and scheduling to the Director.

   Also, the Customer Support Division supports the Center's
participation in conferences, seminars, and other forums.  This
support includes arrangement for facilities, speech preparation,
travel and parking arrangements, and other activities.

REQUIREMENT:   Need to facilitate access to Center's products
and services and obtain feedback on performance.

CUSTOMERS:   Corporate Information Management customers,
Director, and Center personnel.

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Initial survey of customer needs | 11/92 |
| Consolidate requirements/priorities/schedules | |
| (Updated semiannually) | 1/92 |
| Consolidate surveys of satisfaction, and Center performance | |
| (Updated semiannually) | 6/92 |
| Provide continuous education and awareness training | |
| (Ongoing) | 6/92 |
| Create new markets | 10/92 |
| TQM Practices for DoD CIM | 11/92 |
| Customer Information Material | |
| (e.g., Points-of-contact) | |
| (Ongoing) | FY92 |

| | |
|---|---|
| Assess points-of-contact | 1/93 |
| Forecast future demands | 7/93 |
| Develop customer loyalty | FY92-98 |

PROJECT AREA:  CUSTOMER SUPPORT

| STAFF LEVEL OF EFFORT | FY92 | FY93 | FY94 | (STAFF YEARS) FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| CIVILIAN | 3 | 4 | 4 | 4 | 4 | 5 | 5 |
| MILITARY | | | | | | | |
| OFFICER | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| ENLISTED | | | | | | | |
| TOTAL | 7 | 8 | 8 | 9 | 9 | 10 | 10 |

PROJECT RESOURCES                         ($000)

| O & M | | | | | | | |
|---|---|---|---|---|---|---|---|
| FFRDC | | | | | | | |
| OTHER CONTRACTS | | | | | | | |
| O & M TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# DIRECT CENTER SUPPORT
## PROGRAM OVERVIEW

PURPOSE:  To provide administrative and technical staff support to the Director, Center for Information Management in the management of civilian and military personnel, facilities, logistics, security, contracting, financial management, supply, training, office automation, and administration. (Note: This program includes internal Center support and Center support received from DISA.  Center support received from DISA includes financial management officers from the Comptroller, primarily supply, space and facilities, and personnel support from the Center for Agency Services, and procurement support from the Acquisition Management Directorate.)

DESCRIPTION:  Direct Center Support establishes and maintains process, policy, and controls for effective management of the Center's resources.  Included are the implementation of organizational development strategies, personnel actions including allocation, transfer, recruiting, and training.

Direct Center Support manages space and facility requirements, telephone service, and facsimile.  Other areas include information and physical security, central property accountability, and contractor support.

Another major activity is the administration and coordination of all administrative actions including:  filing system, suspense actions system, publications library, and receipt and distribution of correspondence.  Also included in this area are supplies for the Center as well as graphics support.  Administrative support can be extended to geographically separated segments of the organization.

Office automation is a large and key function performed by the Direct Center Support.  Actions in this area include network administration, training, maintenance, software provisioning, and accountability of all ADP equipment as well as a customer service desk.  This support extends beyond Center personnel to the functional and technical integration groups at remote locations.  This will be provided on a fee-for-service basis.

Training is another major activity.  Training will include: familiarity/knowledge with applications programs; leadership and developmental training for career growth; and detailed technical training in the latest technology and other specialized areas (see following project description).

KEY ACTIVITIES AND MILESTONES: During the period covered by this plan, the Direct Center Support will undertake many initiatives to provide support to the Center for Information Management. Key activities include: filling the administrative support staff in FY 1992; staffing the Center, on-going; participating in Consolidation 21, on-going; improving office automation, FY 1992 and continuing; establishing fee-for-service support to the Function and Technical Integration Groups, October 1991; and moving to a new, permanent facility, FY 1992.

PROGRAM AREA: DIRECT CENTER SUPPORT

| I/E MANPOWER | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| | | | | (STAFF YEARS) | | | |
| CIVILIAN | 22 | 26 | 47 | 80 | 101 | 102 | 104 |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| TOTAL | 24 | 30 | 49 | 82 | 103 | 104 | 106 |

| PROGRAM RESOURCES | | | | ($000) | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | 2,000 | 2,500 | 3,000 | 3,500 | 3,500 | 3,500 | 3,500 |
| TOTAL | 2,000 | 2,500 | 3,000 | 3,500 | 3,500 | 3,500 | 3,500 |
| R & D | | | | | | | |
| PROCUREMENT | 2,000 | 2,000 | 2,000 | 1,500 | 1,500 | 1,000 | 1,000 |
| TOTAL | 4,000 | 4,500 | 5,000 | 5,000 | 5,000 | 4,500 | 4,500 |

* THE CIVILIAN BILLET FIGURE INCLUDES ACQUISITION MANAGEMENT DIRECTORATE, COMPTROLLER,
AND CENTER FOR AGENCY SERVICES BILLETS.
ASSOCIATED O&M FUNDS FOR PROCUREMENT DOLLARS IS INCLUDED IN THE CENTER BUDGET REQUEST.

WE ARE REQUESTING RDT&E AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I
AS THE DISA CIM FY 92 AND 93 O&D BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.

## DIRECT CENTER SUPPORT
## TRAINING

PURPOSE: To provide the Center staff a comprehensive training program covering the full spectrum of information management. This program will include the award of certificates for demonstrated skills in the field of information management.

DESCRIPTION: The career training program instituted by DISA and the Center will support employees in their career development efforts and management staff in their need for a trained and technically current work force.

The program will be built by defining the specific competencies required by the Center's management staff to accomplish their mission and then offering an appropriate curriculum to support these defined needs. Model programs at NSA, DIA, and other sources will be reviewed in depth to adapt aspects of their training programs that have been successful. A comprehensive program incorporating the best features of these programs will be developed and implemented.

The Center will work with DISA's central training office to obtain its support and use DISA's Agency-wide career development program which is in early stages of development. DISA's program is designed to support both employees and managers. It will give employees a career planning manual to help them identify their career values and competencies and formulate a career development action plan. The program will provide supervisors a guidance manual and workshops that will enable them to guide employees' career development through feedback on competencies and the development and implementation of career action plans.

The Center plans to follow DIA's concept of certification programs that requires the mastery of concrete skills within a specified time. Employees' skill attainment is to be measured by tests and the completion of assigned projects.

REQUIREMENT: Director, Center for Information Management, DDI

CUSTOMERS: DISA Director, Center Director, ASD(C3I), Center Senior Managers.

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Review DIA/NSA Career Development Programs | 11/91 |
| Work with DISA to define competencies | 12/91 |
| Develop an overall Center training program | 1/92 |
| (incorporate DIA and DISA ideas) | |
| Training manuals | 2/92 |
| Training Program Execution/Certification Testing | 8/92 |

PROJECT AREA: TRAINING/CERTIFICATION TESTING

| I/E MANPOWER | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | | | | | | | |
| TOTAL | 2 | 3 | 3 | 3 | 3 | 3 | 3 |

| PROGRAM RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | 636 | 1,130 | 1,193 | 2,104 | 2,408 | 2,519 | 2,612 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 636 | 1,130 | 1,193 | 2,104 | 2,408 | 2,519 | 2,612 |

# CIMnet
## PROGRAM OVERVIEW

PURPOSE:  Provide direct office automation and networking
support to the Director for Defense Information (DDI), his
immediate organization and, eventually, related organizations
with which he and his staff conduct business on a day-to-day
basis including all of OSD(C3I) and the Service and Agency
information resource management community.  Introduce
evolutionary enhancements to improve productivity.  Extend the
network outside of OSD.

DESCRIPTION: This program will begin by providing improved
information systems (known as CIMnet) to the DDI and his staff.
Initial installation and operation of a.UNIX-based basic office
automation system (LANS and workstations) will be accomplished
by DISA with assistance from the USAF 7th Comm Group.

As executive agent, DISA will be responsible for planning,
system administration, customer technical support, configuration
management, network management, security management,
acquisition, and will provide a testbed for technology
insertion,  DISA will introduce new applications (E.G.,
"Groupware") aimed at promoting productivity, upgrade the
network architecture and extend the network to the new DISA
Center for Information Management (CIM) site in the spring of
1992.

In conjunction with the office automation planning for all of
DoD which will be conducted by DMR Group, Inc. as a result of
ITPB Action 91-07 tasking, DISA will expand CIMnet to the rest
of OSD, perhaps replacing the original CIMnet components, if
appropriate.

DISA will expand its use of CIMnet components from the Center
for Information Management (CIM) to the rest of DISA and a
consortia of other small Defense Agencies.  DISA will provide
efficient centralized support to these agencies.

DISA will expand CIMnet DoD-wide, using the information
technology warehouses for acquisition and employing the
techniques of the premises equipment elements of the utility
acquisition and operations program.

REQUIREMENTS:  Director for Defense Information.

CUSTOMERS:  DDI, OSD, IRM Community, Services/Agencies

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Installation of initial 73 node network at 2 sites for DDI and staff | FY92 |
| Extension to DISA CIM after the Center relocates | FY92 |

First introduction of productivity enhancements     FY92
Extension to key MILDEP IRM officials               FY93
Extension of OSD/C3I                                 FY93

OTHER CIM RELATED DISA PROGRAMS
-----------------------------------

PROGRAM AREA:  CIBGET

|                | (STAFF YEARS) | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|
| I/E MANPOWER   | FY92  | FY93  | FY94  | FY95  | FY96  | FY97  | FY98  |
| CIVILIAN       | 14    | 33    | 33    | 33    | 33    | 36    | 36    |
| MILITARY       |       |       |       |       |       |       |       |
|   OFFICER      |       |       |       |       |       |       |       |
|   ENLISTED     |       |       |       |       |       |       |       |
| TOTAL          | 14    | 33    | 33    | 33    | 33    | 36    | 36    |

PROGRAM RESOURCES                         ($000)

|                    | FY92  | FY93  | FY94  | FY95  | FY96  | FY97  | FY98  |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| O & M              |       |       |       |       |       |       |       |
|   FFRDC            | 600   | 650   | 700   | 750   | 800   | 850   | 900   |
|   OTHER CONTRACTS  | 2,400 | 2,500 | 2,700 | 2,800 | 2,900 | 3,000 | 3,350 |
| TOTAL              | 3,000 | 3,150 | 3,400 | 3,550 | 3,700 | 3,850 | 4,250 |
| R & D              |       |       |       |       |       |       |       |
| PROCUREMENT        | 3,000 | 1,554 | 1,811 | 1,965 | 2,171 | 2,378 | 2,637 |
| TOTAL              | 6,000 | 4,704 | 5,211 | 5,515 | 5,871 | 6,228 | 6,887 |

# INFORMATION NETWORK PLANNING AND ENGINEERING
## PROGRAM OVERVIEW

PURPOSE:  To define, engineer, and/or tailor communications to support the information processing concepts being fostered in the Infrastructure Engineering Program.

DESCRIPTION:   This project integrates and tailors the Defense Information System Network to satisfy CIM requirements for an open systems architecture that fosters effective information exchange to realize economies in the operation and management of information in DoD.

Communications network planning will be considered with the development and evolution of information management procedures to ensure that the communications architecture supports ADP consolidation plans, information processing utility concepts, remote applications, network transparency, common protocols, and technology innovation.

Network models, including knowledge of locations and cost of current and planned communications vendors, will be incorporated into the ADP consolidation planning process to achieve that maximum effectiveness of the integrated information systems and communications transportation systems is achieved. Networking and interface standards will be reviewed and adapted to ensure interoperability of hardware, communications protocols, and operating systems throughout DoD information networks.  Financial management of the network will be tailored to ensure an evolution to an efficient and effective DoD fee-for-service open systems communications infrastructure consistent with CIM objectives.

Network engineering will incorporate expected traffic loads from the ADP/information systems infrastructure to ensure overall system performance, efficiency, reliability, and security characteristics consistent with DoD requirements and commercial offerings.

## PRODUCTS AND MILESTONES:

| | |
|---|---|
| Initial high speed digital transmission network design | FY92 |
| Initial service/agency integrated information network | FY93 |
| Interoperability standards and specifications | FY93 |
| Networking fee-for-service financial plan | FY93 |
| Integrated information systems modeling capability | FY94 |
| Networking services leasing capability | FY94 |

# INFORMATION NETWORK PLANNING AND ENGINEERING
## INTEGRATED NETWORK MANAGEMENT

PURPOSE: To ensure that the information system network delivers the quality of service necessary to maintain the CIM performance objectives.

DESCRIPTION: This project integrates the design and implementation of the information transport network with the computer/information processing network to facilitate the provisioning and delivery of networking services to the DoD users.

Design and interface/interoperability parameters will be reviewed and coordinated between the computer and communications networks to facilitate interactive management. Management facilities will be designed and implemented to incorporate monitoring and performance assessment capabilities to ensure delivery of guaranteed performance services, and rapid response to performance faults.

Provision will be made for giving information transportation network status to consolidate ADP managers to enable most efficient use of available communications resources.

PRODUCTS AND MILESTONES:

Initial integrated network management technical requirement FY93
CIM service desk in the DISN Network Management Facility    FY94
CIM/DISN network management interoperability standards       FY94

# INFORMATION NETWORK PLANNING AND INTEGRATION
## NETWORK INFO SYSTEM RELATED VALUE-ADDED SERVICES

PURPOSE: To provide users of the DoD Information Management Systems a full menu of enhanced network services that improve efficiency and effectiveness, reduce costs, and ensure interactive and cooperative interworking across all Services, Agencies, and disciplines.

DESCRIPTION: This project integrates and coordinates the, planning, management, and provisioning of value-added services to the users of the information network. These services included communications network services (directory services, user bulletin boards, and help desks), special network capabilities (various levels of network security, survivability, and redundancy), and applications services (transparent interfacing of data bases, translation between differing user applications). Since data and processing capability to provide these services reside in both the communications network and the ADP systems, this project ensures that duplication is eliminated and the the most effective resources are applied while providing the various services.

Network engineering of value-added services will draw on the computer and information management capabilities within CIM to make sure data bases are consistent, coordinated, and use common data elements and dictionaries.

Provision of value-added services will be integrated across the communications and computer systems to achieve the most effective implementation.

PRODUCTS AND MILESTONES:

Definition and Allocation of Service Provider Resource          FY93
Implementation of Communications Network Services               FY94
Implementation of Initial ADP Provided Services                 FY95

PROGRAM AREA: DMSO/DIEM

| I/N MANPOWER | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 11 | 28 | 31 | 42 | 44 | 33 | 20 |
| MILITARY | | | | | | | |
| OFFICER | 2 | 5 | 6 | 8 | 10 | 10 | 5 |
| ENLISTED | | | | | | | |
| TOTAL | 13 | 33 | 37 | 50 | 54 | 43 | 25 |

| PROGRAM RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 1,400 | 1,925 | 2,187 | 1,662 | 1,476 | 1,225 | 525 |
| OTHER CONTRACTS | 1,400 | 1,925 | 2,187 | 1,662 | 1,476 | 1,225 | 525 |
| TOTAL | 2,800 | 3,850 | 4,374 | 3,324 | 2,952 | 2,450 | 1,050 |
| R & D | 3,579 | 3,533 | 3,591 | 3,148 | 3,252 | 3,382 | 1,315 |
| PROCUREMENT | | | | | | | |
| TOTAL | 6,379 | 7,383 | 7,965 | 6,472 | 6,204 | 5,832 | 2,365 |

## TELECOMMUNICATIONS MANAGEMENT
## PROGRAM OVERVIEW

PURPOSE: The Telecommunications Management Program (TMP) was created by the Director, Defense Information Systems Agency (DISA), to develop standard Department of Defense (DoD) policies, methods, procedures and information systems tools for the optimal use and resource management of the DoD's base and long haul communications systems assets. (Application is being made for this program to assume the role as Executive Agent over the DoD communications systems functional area.)

REQUIREMENT: The requirement for this program has been outlined in the following DoD tasking documents:

(1)    ASD(C3I) letter, "Centralized Data Base for DoD Long Haul Telecommunications", 30 January 1990

(2)    DoD Directive (draft), "Management of Base and Long Haul Telecommunications Services," 13 September 1990

(3)    ASD(C3I) letter, "FY 92 Defense Management Report (DMR) Initiative -- 'Departmental Communications Plans and Policies'", 5 November 1990

(4)    Defense Management Report Decision "Long Haul Communications", 17 November 1990

DESCRIPTION: The DoD has over the years developed, implemented and managed a wide variety of communications systems, spending several billions of dollars annually to provide base and long haul communications support for the Services and Agencies. In support of DoD communications, the DISA has actively participated in the development and implementation of communications standards.

Rapidly changing technology and increased competition resulting from new regulatory policies prescribe the reexamination of current DoD communications plans, policies and programs. In addition to the external factors justifying the reexamination of these plans, practices, etc., DoD Inspector General (DoD IG) audit reports indicate that severe deficiencies exist in the current management of DoD communications systems. DoD IG reports specifically cite the lack of guidance for review and revalidation of telecommunications requirements and the absence of a central information system supported by appropriate DoD standards necessary to optimize the use and management of DoD's communications assets.

Finally, in response to various Office of the Secretary of Defense (OSD) taskings relative to these matters, the DISA created the TMP in January 1991 to begin the review of existing communications systems business practices and programs for the purpose of defining appropriate business strategies for the future to improve the quality of DoD communications support while lowering costs. Since January, the project has organized

```
Economic Analysis System                            12/93
Accounting and Budgetary System                     04/94
Configuration Management/Inventory System           04/94
Traffic Analysis/Usage Billing System               08/94
```

Major Products

DoD communications systems:

- current and future business model
- standard process models
- standard data models
- standard policies, methods and procedures
  for use and management
- standard technology architecture

its staff, created a team with contract support to begin development of a strategic model for the new system [to be known as the Telecommunications Management Systems(TMS)], and produced a work plan for the overall coordination and management of project efforts.

A major related effort of this program is the development of the Defense Information Systems Network (DISN). The future business strategies, the methods, and procedures as well as the centralized or centrally managed data base architecture developed by the TMP will combine to fill the information systems requirements necessary to implement the DISN.

The TMP will analyze and standardize business practices related to the use and management of the DoD communications systems assets. Information engineering methodologies will be employed to define the current communications systems business functions and their associated process and data models. A future business model will then be constructed using this information along with the future business vision to be supplied by functional area business experts. This model will ultimately prescribe improved functional area methods and procedures and will be supported by a standard information technology architecture in order to provide the infrastructure necessary to maintain appropriate DoD communications systems efficiencies and economies.

The TMP is related to the CIM mission in several ways. First of all, the TMP is addressing the migration of the disparate and often incompatible mix of software and hardware platforms currently supporting the DoD's management of communications systems to a standardized information systems technology architecture in order to provide interoperability and portability of appropriate information assets. Secondly, the TMP is standardized business practices used in the functional areas to support the DoD communications management infrastructure. And, third, the communications system developed by DISN to be supported by the TMP management information system will be the transport system utilized by CIM.

In reality, the TMP effort can be viewed as a CIM-like effort applied to the DoD communications functional area with DISA as the executive agent. As such, it will be closely coordinated with the CIM program throughout its life cycle development.

PRODUCTS AND MILESTONES:

| | |
|---|---|
| Business Model | 06/92 |
| Process and Data Models | 12/92 |
| Standard hardware/software/communications architecture | 12/92 |
| Network Planning and Design System | 09/93 |
| Customer Service/Order Processing System | 11/93 |

PURPOSE:  It is proposed that the NCS support the Center for Information Management (CIM) standards program, especially in its interface with civil Government agencies industry, and national and international standards organizations.

DESCRIPTION:  Since August 14, 1972, the Executive Agent, NCS, has had the responsibility for developing Federal Telecommunications Standards.  The Manager, NCS, established the Federal Telecommunications Standards Committee (FTSC), as an interagency forum for development and approval of the standards. The committee first met on October 18, 1972, and has met at least monthly since then.  The NCS Assistant Manager, Technology and Standards, chairs the FTSC which at present has representatives from over 20 other Government agencies.

Executive Order 12472, April 3, 1984, "Assignment of National Security and Emergency Preparedness Telecommunications Functions," reaffirmed that the Manager, NCS, would manage the Federal Telecommunications Standards Program and stated that "wherever feasible...existing or evolving industry, national, and international standards are used as the basis for Federal telecommunications standards...."

The NCS Office of Technology and Standards has developed expertise in standards development that is recognized throughout Government, industry, and standards committees.  The expertise includes both a detailed, broad knowledge of emerging telecommunication and information system technology and a knowledge of the organization, operation, and politics of national and international standards organizations.

The OMNCS is recognized by Executive Order, Code of Federal Regulations, and DoD precedence as the interface between the national security community and other Government agencies and industry in matters relating to telecommunication standards.

It is recommended that the CIM develop a close working relationship with the OMNCS to ensure that it addresses DoD needs and represents DoD's positions in external standards bodies in matters relating to national security telecommunications.  It is recommended that the CIM transfer to OMNCS each year 3 staff years of in-house resources for this work.

These staff months should be provided by personnel with strong backgrounds in telecommunications theory, statistical analysis, and computer systems theory and operation.  The most appropriate job series would be 855, Electronics Engineering, or 1550, Computer Scientist.  However, the electronics engineers would need to have computer system backgrounds, and the computer

PROGRAM AREA: DISO/TELECOMMUNICATIONS MANAGEMENT PROGRAM

| I/E MANPOWER | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | | | | | | | |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| PROGRAM RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER CONTRACTS | 5,500 | 4,700 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 5,500 | 4,700 | 0 | 0 | 0 | 0 | 0 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 5,500 | 4,700 | 0 | 0 | 0 | 0 | 0 |

PROGRAM AREA: NCS/FEDERAL STANDARDS

| I/E MANPOWER | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 1 | 3 | 3 | 3 | 3 | 3 | 3 |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | | | | | | | |
| TOTAL | 1 | 3 | 3 | 3 | 3 | 3 | 3 |

| PROGRAM RESOURCES | ($000) | | | | | | |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER CONTRACTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R & D | | | | | | | |
| PROCUREMENT | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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scientists would need to have strong backgrounds in applied mathematics and telecommunications.

It is recommended that the CIM transfer $500,000 a year (constant FY92 dollars) to the OMNCS for contractual support for the 3 staff persons working on the project.

## INFORMATION TECHNOLOGY POLICY BOARD

DESCRIPTION:    The Information Technology Policy Board (ITPB) is
a group of senior Information Resource Management Executives
representing all of the Services, Defense Agencies and OSD.

This Policy Board is chaired by the Director of Defense
Information and its goal is to lead the Department of Defense
Information Management community to correct common problems with
efficient and effective solutions.  Policy decisions are brought
to the ITPB by a Service or Agency or else are tasked by  the
group to a single Service/Agency for implementation.

The ITPB currently has considered 36 proposals and DISA has
resource requirements for executing 7 proposals.  The following
chart displays the number and resources required to complete
each of the ITPB proposals for which DISA has responsibility and
also resource requirements.

PROJECT AREA: DIRECT SUPPORT TO FUNCTIONAL GROUPS

| PROJECT RESOURCES $(000) | FY92 | FY93 | FY94 | (STAFF YEARS) FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| COMPLETE MEDICAL | 152 | | | | | | |
| — BUSINESS PLAN | | | | | | | |
| TRAINING AND FACILITATION | 360 | 360 | 180 | 180 | 180 | 180 | 180 |
| OFFICE AUTOMATION | 1.400 | 2.000 | | | | | |
| O & M TOTAL | 1.912 | 2.360 | 180 | 180 | 180 | 180 | 180 |

** INCLUDES COMPUTER HARDWARE, SOFTWARE, SERVICES, AND SUPPORT SERVICES FOR OFFICE AUTOMATION AND LOCAL/WIDE AREA NETWORK SUPPORT OF THE CORPORATE INFORMATION MANAGEMENT FUNCTIONAL GROUPS, PER OASD(C3I) MEMORANDUM DATED 15 AUGUST 1991, "TRANSFER OF CORPORATE INFORMATION MANAGEMENT (CIM) FUNCTIONAL GROUPS TO THE DEFENSE INFORMATION SYSTEMS AGENCY (DISA)".

ASSUMES FEE-FOR-SERVICE FUNDING BEGINNING IN FY94.

CENTER FOR INFORMATION MANAGEMENT (CIM)

PROGRAM AREA: SUMMARY

| I/H MANPOWER | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| CIVILIAN | 536 | 881 | 1,306 | 1,490 | 1,623 | 1,656 | 1,680 |
| MILITARY | | | | | | | |
| OFFICER | 37 | 154 | 208 | 227 | 244 | 247 | 244 |
| ENLISTED | 2 | 2 | 2 | 2 | 5 | 6 | 6 |
| TOTAL | 575 | 1,037 | 1,516 | 1,719 | 1,872 | 1,909 | 1,930 |

PROJECT RESOURCES $(000)

**O & M**

| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| EXTRAORDINARY TRAVEL | 300 | 300 | 100 | 100 | 100 | 100 | 100 |
| FFRDC | 3,786 | 3,733 | 4,945 | 5,916 | 6,311 | 6,707 | 6,978 |
| OTHER CONTRACTS | 22,568 | 28,191 | 28,054 | 34,768 | 36,949 | 38,258 | 40,599 |
| OPERATING EXPENSES | | | | | | | |
| CIVILIAN PAY | 21,665 | 49,473 | 77,405 | 86,005 | 109,313 | 118,400 | 131,554 |
| TRAVEL | 536 | 930 | 993 | 1,904 | 2,208 | 2,319 | 2,412 |
| TRAINING | 636 | 1,130 | 1,193 | 2,104 | 2,408 | 2,519 | 2,612 |
| FACILITIES | 2,242 | 3,446 | 4,985 | 6,130 | 7,723 | 8,120 | 8,592 |
| OTHER | 4,100 | 5,800 | 7,600 | 9,100 | 9,800 | 10,300 | 10,900 |
| O & M TOTAL | 55,833 | 93,003 | 125,274 | 146,027 | 174,812 | 186,723 | 203,746 |
| R & D | * | * | 3,430 | 6,540 | 3,780 | 3,825 | 3,940 |
| PROCUREMENT | * | * | 10,755 | 9,845 | 9,778 | 9,533 | 10,599 |
| TOTAL | 55,833 | 93,003 | 139,459 | 162,412 | 188,370 | 200,081 | 218,285 |

** THE FY92 AND 93 CIM OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.
THEREFORE, WE ARE REQUESTING R&D AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I.

OTHER DISA CIM RELATED REQUIREMENTS IDENTIFIED IN SECTION H ARE NOT INCLUDED IN THE CENTER'S BUDGET.
MANPOWER SPACES AND COSTS ARE INCLUDED IN THE CENTER BUDGET REQUEST.

THIS SUMMARY DOES NOT INCLUDE FUNDING FOR ITPB PROPOSALS 91-01, 91-02, 91-04, 91-13, 91-17, 91-21, AND 91-23.

PROGRAM AREA:  INFORMATION TECHNOLOGY POLICY BOARD APPROVED PROJECTS

| PROGRAM RESOURCES $(000) | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| PROPOSAL 91-01 | 1,200 | | | | | | |
| PROPOSAL 91-02 | 235 | | | | | | |
| PROPOSAL 91-04 | | | | | | | |
| PROPOSAL 91-13 | 500 | | | | | | |
| PROPOSAL 91-17 | | | | | | | |
| PROPOSAL 91-21 | 1,880 | 2,160 | | | | | |
| PROPOSAL 91-23 | | | | | | | |
| TOTAL (O&M) | 3,815 | 2,160 | | | | | |

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**PROGRAM AREA:  RESOURCE SUMMARY - CIMNET/TMP/DISN**

| PROGRAM RESOURCES $(000) | | | | (STAFF YEARS) | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| **O & M** | | | | | | | |
| FFRDC | 1,400 | 1,925 | 2,187 | 1,662 | 1,476 | 1,225 | 525 |
| OTHER CONTRACTS | 9,300 | 9,125 | 4,887 | 4,462 | 4,376 | 4,225 | 3,875 |
| **O & M  TOTAL** | 10,700 | 11,050 | 7,074 | 6,124 | 5,852 | 5,450 | 4,400 |
| **R & D** | 3,579 | 3,533 | 3,591 | 3,148 | 3,252 | 3,382 | 1,315 |
| **PROCUREMENT** | 3,000 | 1,554 | 1,811 | 1,965 | 2,171 | 2,378 | 2,637 |
| **TOTAL** | 17,279 | 16,137 | 12,476 | 11,237 | 11,275 | 11,210 | 8,352 |

**PROGRAM AREA:  INFORMATION TECHNOLOGY POLICY BOARD APPROVED PROJECTS**

| PROGRAM RESOURCES $(000) | | | | (STAFF YEARS) | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| PROPOSAL 91-01 | 1,200 | | | | | | |
| PROPOSAL 91-02 | 235 | | | | | | |
| PROPOSAL 91-04 | | | | | | | |
| PROPOSAL 91-13 | 500 | | | | | | |
| PROPOSAL 91-17 | | | | | | | |
| PROPOSAL 91-21 | 1,880 | 2,160 | | | | | |
| PROPOSAL 91-23 | | | | | | | |
| **TOTAL (O&M)** | 3,815 | 2,160 | | | | | |

**PROJECT AREA:  DIRECT SUPPORT TO FUNCTIONAL GROUPS**

| PROJECT RESOURCES $(000) | | | | (STAFF YEARS) | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| **O & M** | | | | | | | |
| COMPLETE MEDICAL BUSINESS PLAN | 152 | | | | | | |
| TRAINING AND FACILITATION | 360 | 360 | 180 | 180 | 180 | 180 | 180 |
| OFFICE AUTOMATION | 1,400 | 2,000 | | | | | |
| **O & M TOTAL** | 1,912 | 2,360 | 180 | 180 | 180 | 180 | 180 |

** INCLUDES COMPUTER HARDWARE, SOFTWARE, SERVICES, AND SUPPORT SERVICES FOR OFFICE AUTOMATION
AND LOCAL/WIDE AREA NETWORK SUPPORT OF THE CORPORATE INFORMATION MANAGEMENT FUNCTIONAL GROUPS,
PER OASD(C3I) MEMORNADUM DATED 15 AUGUST 1991, "TRANSFER OF CORPORATE INFORMATION MANAGEMENT
(CIM) FUNCTIONAL GROUPS TO THE DEFENSE INFORMATION SYSTEMS AGENCY (DISA)".

ASSUMES FEE-FOR-SERVICE FUNDING BEGINNING IN FY94.

NEAR TERM R&D AND PROCUREMENT REQUIREMENTS
NOT INCLUDED IN THE CENTER PROGRAM SUMMARY

| PROGRAM AREA:  SUMMARY | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| R & D | 0 | 3,215 | | | | | |
| PROCUREMENT | 4,758 | 9,800 | | | | | |
| TOTAL | 4,758 | 13,015 | | | | | |

THE FY92 AND 93 CIM OSD BUDGET SUBMISSION WAS ONLY IN THE O&M APPROPRIATION.
THEREFORE, WE ARE REQUESTING R&D AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I.

PROGRAM AREA:   INFORMATION ENGINEERING

| I/H MANPOWER | FY92 | FY93 | FY94 | (STAFF YEARS) FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| CIVILIAN | 153 | 158 | 185 | 203 | 203 | 203 | 218 |
| MILITARY OFFICER ENLISTED | 2 | 12 | 21 | 23 | 23 | 23 | 23 |
| TOTAL | — 155 | 170 | 206 | 226 | 226 | 226 | 241 |

PROGRAM RESOURCES $(000)

| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| O & M FFRDC | 1,135 | 314 | 324 | 378 | 391 | 404 | 418 |
| OTHER CONTRACTS | 4,200 | 4,330 | 3,638 | 4,431 | 4,586 | 4,743 | 5,256 |
| O & M TOTAL | 5,335 | 4,644 | 3,962 | 4,809 | 4,977 | 5,147 | 5,674 |
| R & D | | | | | | | |
| PROCUREMENT | 800 | | 1,000 | 250 | 250 | 250 | 1,000 |
| TOTAL | 6,135 | 4,644 | 4,962 | 5,059 | 5,227 | 5,397 | 6,674 |

THE FY92 AND 93 CIM OSD BUDGET SUBMISSION ARE ONLY IN THE O&M APPROPRIATION.
THEREFORE, WE ARE REQUESTING R&D AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I.

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PROJECT AREA: WRAP-UP SUMMARY

| PROJECT RESOURCES $(000) | FY92 | FY93 | FY94 | (STAFF YEARS) FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| **O & M** | | | | | | | |
| FFRDC | 1,400 | 1,925 | 2,187 | 1,662 | 1,476 | 1,225 | 525 |
| OTHER CONTRACTS | 9,300 | 9,125 | 4,887 | 4,462 | 4,376 | 4,225 | 3,875 |
| OTHER | 5,727 | 4,520 | 180 | 180 | 180 | 180 | 180 |
| **O & M TOTAL** | 16,427 | 15,570 | 7,254 | 6,304 | 6,032 | 5,630 | 4,580 |
| **R & D** | 3,579 | 3,533 | 3,591 | 3,148 | 3,252 | 3,382 | 1,315 |
| **PROCUREMENT** | 3,000 | 1,554 | 1,811 | 1,965 | 2,171 | 2,378 | 2,637 |
| **TOTAL** | 23,006 | 20,657 | 12,656 | 11,417 | 11,455 | 11,390 | 8,532 |

| I/H MANPOWER | (STAFF YEARS) | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 94 | 131 | 223 | 278 | 324 | 325 | 325 |
| MILITARY | | | | | | | |
| OFFICER | 0 | 9 | 17 | 22 | 23 | 21 | 21 |
| ENLISTED | 0 | 0 | 0 | 0 | 3 | 4 | 4 |
| TOTAL | 94 | 140 | 240 | 300 | 350 | 350 | 350 |

PROGRAM RESOURCES $(000)

| O & M ($000) | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| FFRDC | 850 | 1,059 | 1,644 | 1,701 | 1,759 | 1,818 | 1,881 |
| OTHER CONTRACTS | 865 | 1,982 | 3,474 | 4,874 | 5,984 | 5,989 | 6,393 |
| O & M TOTAL | 1,715 | 3,041 | 5,118 | 6,575 | 7,743 | 7,807 | 8,274 |
| R & D | 0 | 115 | 230 | 240 | 380 | 325 | 340 |
| PROCUREMENT | 130 | 5,215 | 5,505 | 5,691 | 6,013 | 6,146 | 6,356 |
| TOTAL | 1,845 | 8,371 | 10,853 | 12,506 | 14,136 | 14,278 | 14,970 |

THE FY92 AND 93 CIM OSD BUDGET SUBMISSION ARE ONLY IN THE O&M APPROPRIATION.
THEREFORE, WE ARE REQUESTING R&D AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I.

PROGRAM AREA:  SOFTWARE SYSTEMS ENGINEERING

| I/H MANPOWER | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 60 | 102 | 213 | 256 | 298 | 298 | 298 |
| MILITARY | | | | | | | |
| OFFICER | 11 | 18 | 37 | 44 | 52 | 52 | 52 |
| ENLISTED | | | | | | | |
| TOTAL | 71 | 120 | 250 | 300 | 350 | 350 | 350 |

PROGRAM RESOURCES $(000)

| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| EXTRAORDINARY TRAVEL | 300 | 300 | 100 | 100 | 100 | 100 | 100 |
| FFRDC | 612 | 705 | 822 | 1,229 | 1,466 | 1,697 | 1,797 |
| OTHER CONTRACTS | 9,540 | 10,491 | 6,436 | 6,899 | 7,161 | 7,363 | 7,671 |
| O & M TOTAL | 10,452 | 11,496 | 7,358 | 8,228 | 8,727 | 9,160 | 9,568 |
| R & D | 0 | 3,100 | 3,200 | 6,300 | 3,400 | 3,500 | 3,600 |
| PROCUREMENT | 850 | 2,340 | 2,100 | 2,240 | 1,850 | 1,950 | 2,050 |
| TOTAL | 11,302 | 16,936 | 12,658 | 16,768 | 13,977 | 14,610 | 15,218 |

THE FY92 AND 93 CIM OSD BUDGET SUBMISSION ARE ONLY IN THE O&M APPROPRIATION.
THEREFORE, WE ARE REQUESTING R&D AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I.

PROGRAM AREA:  TECHNICAL INTEGRATION MANAGEMENT

| I/H MANPOWER | FY92 | FY93 | FY94 | (STAFF YEARS) FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| CIVILIAN | 75 | 244 | 390 | 390 | 390 | 390 | 390 |
| MILITARY OFFICER ENLISTED | 14 | 97 | 110 | 110 | 110 | 110 | 110 |
| TOTAL — | 89 | 341 | 500 | 500 | 500 | 500 | 500 |

PROGRAM RESOURCES  $(000)

| O & M  ($000) | | | | | | | |
|---|---|---|---|---|---|---|---|
| FFRDC | 679 | 1,127 | 1,607 | 2,041 | 2,110 | 2,182 | 2,256 |
| OTHER CONTRACTS | 3,913 | 6,154 | 8,201 | 10,957 | 11,251 | 11,780 | 12,375 |
| O & M TOTAL | 4,592 | 7,281 | 9,808 | 12,998 | 13,361 | 13,962 | 14,631 |

R & D

PROCUREMENT

| TOTAL | 4,592 | 7,281 | 9,808 | 12,998 | 13,361 | 13,962 | 14,631 |

PROGRAM AREA:   INFORMATION TECHNOLOGY STANDARDS

|   | | (STAFF YEARS) | | | | |
|---|---|---|---|---|---|---|---|
| I/H MANPOWER | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 80 | 122 | 137 | 156 | 168 | 185 | 203 |
| MILITARY<br>OFFICER<br>ENLISTED | 1 | 4 | 8 | 9 | 15 | 19 | 21 |
| TOTAL | 81 | 126 | 145 | 165 | 183 | 204 | 224 |

PROGRAM RESOURCES $(000)

|   | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| O & M<br>FFRDC | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER CONTRACTS | 1,440 | 2,080 | 2,480 | 2,960 | 3,280 | 3,680 | 4,160 |
| O & M TOTAL | 1,440 | 2,080 | 2,480 | 2,960 | 3,280 | 3,680 | 4,160 |
| R & D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PROCUREMENT | 978 | 245 | 150 | 164 | 165 | 187 | 193 |
| TOTAL | 2,418 | 2,325 | 2,630 | 3,124 | 3,445 | 3,867 | 4,353 |

THE FY92 AND 93 CIM OSD BUDGET SUBMISSION ARE ONLY IN THE O&M APPROPRIATION.
THEREFORE, WE ARE REQUESTING R&D AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I.

PROGRAM AREA:  DIRECT CENTER SUPPORT

|  | (STAFF YEARS) | | | | | | |
|---|---|---|---|---|---|---|---|
| I/H MANPOWER | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 22 | 28 | 47 | 80 | 101 | 102 | 104 |
| MILITARY | | | | | | | |
| OFFICER | | | | | | | |
| ENLISTED | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| TOTAL | 24 | 30 | 49 | 82 | 103 | 104 | 106 |

PROGRAM RESOURCES $(000)

| | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | | | | | | | |
| OTHER CONTRACTS | 2,000 | 2,500 | 3,000 | 3,500 | 3,500 | 3,500 | 3,500 |
| TOTAL | 2,000 | 2,500 | 3,000 | 3,500 | 3,500 | 3,500 | 3,500 |
| R & D | | | | | | | |
| PROCUREMENT | 2,000 | 2,000 | 2,000 | 1,500 | 1,500 | 1,000 | 1,000 |
| TOTAL | 4,000 | 4,500 | 5,000 | 5,000 | 5,000 | 4,500 | 4,500 |

* THE CIVILIAN BILLET FIGURE INCLUDES ACQUISITION MANAGEMENT DIRECTORATE, COMPTROLLER, AND CENTER FOR AGENCY SERVICES BILLETS.

ASSOCIATED O&M FUNDS FOR PROCUREMENT DOLLARS IS INCLUDED IN TH CENTER BUDGET REQUEST.

THE FY92 AND 93 CIM OSD BUDGET SUBMISSION ARE ONLY IN THE O&M APPROPRIATION.
THEREFORE, WE ARE REQUESTING R&D AND PROCUREMENT FUNDS FOR FY92 AND 93 FROM ASDC3I.

PROGRAM AREA: PLANNING AND INTEGRATION

|  | | (STAFF YEARS) | | | | | |
|---|---|---|---|---|---|---|---|
| I/H MANPOWER | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
| CIVILIAN | 24 | 29 | 41 | 46 | 56 | 78 | 78 |
| MILITARY | | | | | | | |
| OFFICER | 7 | 9 | 9 | 11 | 11 | 12 | 12 |
| ENLISTED | | | | | | | |
| TOTAL | 31 | 38 | 50 | 57 | 67 | 90 | 90 |

PROGRAM RESOURCES $(000)

|  | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|
| O & M | | | | | | | |
| FFRDC | 510 | 528 | 548 | 567 | 585 | 606 | 626 |
| OTHER CONTRACTS | 610 | 654 | 825 | 1,147 | 1,187 | 1,203 | 1,244 |
| O & M TOTAL | 1,120 | 1,182 | 1,373 | 1,714 | 1,772 | 1,809 | 1,870 |
| R & D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PROCUREMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1,120 | 1,182 | 1,373 | 1,714 | 1,772 | 1,809 | 1,870 |

IN REPLY
REFER TO:  **CA**

6 September 1991

MEMORANDUM FOR ASSISTANT SECRETARY OF DEFENSE (COMMAND,
CONTROL, COMMUNICATIONS, AND INTELLIGENCE)

SUBJECT:      Program and Resource Plan FY92-FY98: Center
for Information Management and Related
DISA Corporate Information Management Activities

1. I am enclosing the Center for Information Management and related DISA
Corporate Information Management FY92-FY98 Program and Resource Plan which
has been substantially revised since its initial submission on 3 June 1991. This plan
reflects the Center's current strategy which will continue to be refined as the DoD
Corporate Information Management mission evolves. This plan will provide a firm
foundation for effective Information Management in the Department of Defense
into the next Century.

2. This plan also includes resource requests for the Defense Information System
Network (DISN), the Telecommunications Management Program (TMP), DISA
Information Technology Policy Board (ITPB) actions, direct support to functional
groups and CIM net from the CIM central fund. I am concerned that the resources
identified for the DISN program may be inadequate to fully support this effort. As
requested by your office, support to the C3 functional community is resourced in this
plan.

3. If you have any questions or comments, please contact Mr. Denis Brown, Director,
Center for Information Management, at (703) 285-5355.

1 Enclosure a/s

ALONZO E. SHORT, JR.
Lieutenant General, USA
Director

Copy to:
Special Assistant to Assistant Secretary of Defense (C3I)
Director Defense Information
Deputy Assistant Secretary of Defense (Plans and Resources)
Deputy Assistant Secretary of Defense (Information Systems)
Deputy Assistant Secretary of Defense (Information Systems), Director Resources &
 Assessments

Effective 25 June DCA became Defense Information Systems Agency